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#### Chorionic villi sampling

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### Circadian rhythm

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### Corticotropin-releasing hormone

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### Diabetic retinopathy

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Estrogen augments the vasodilatory effects of vascular endothelial growth factor in the uterine circulation of the rat (Storment et al). 2000;183:449-53

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#### Estrogens

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Cauterization of hydrosalpinges before in vitro fertilization is an effective surgical treatment associated with improved pregnancy rates (Stadtmauer et al). 2000;183:367-71

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### Fetal macrosomia

Does augmented growth impose an increased risk of fetal death? (Seeds and Peng). 2000;183;316-23

Effects of a policy of elective cesarean delivery in cases of suspected fetal macrosomia on the incidence of brachial plexus injury and the rate of cesarean delivery (Gonen et al). 2000;183:1296-300

## Fetal-maternal exchange; see Maternal-fetal exchange

#### Fetal membranes

Evidence of in vivo differential bioavailability of the active forms of matrix metalloproteinases 9 and 2 in parturition, spontaneous rupture of membranes, and intra-amniotic infection (Maymon et al). 2000;183:887-94

Lactoferrin in intrauterine infection, human parturition, and rupture of fetal membranes (Pacora et al). 2000;183:904-10

Preterm fetal growth restriction is associated with increased parathyroid hormone-related protein expression in the fetal membranes (Curtis et al). 2000;183;700-5

# Fetal membranes, premature rupture

Amniotic fluid index values after preterm premature rupture of the membranes and subsequent perinatal infection (Vermillion et al). 2000;183:271-6

Clinical implications of detection of *Ureaplasma urealyticum* in the amniotic cavity with the polymerase chain reaction (Yoon et al). 2000;183:1130-7

Effectiveness of antenatal corticosteroid administration after preterm premature rupture of the membranes (Vermillion et al). 2000;183:925-9

Evidence for the participation of interstitial collagenase (matrix metalloproteinase 1) in preterm premature rupture of membranes (Maymon et al). 2000;183:914-20

Further observations on the fetal inflammatory response syndrome; a potential homeostatic role for the soluble receptors of tumor necrosis factor α (Romero et al). 2000;183:1070-7

Human neutrophil collagenase (matrix metalloproteinase 8) in parturition, premature rupture of the membranes, and intrauterine infection (Maymon et al). 2000;183:94-9

The impact of digital cervical examination on expectantly managed preterm rupture of membranes (Alexander et al). 2000;183: 1003-7

Interleukin 6 determinations in cervical fluid have diagnostic and prognostic value in preterm premature rupture of membranes (Jun et al), 2000;183:868-73

Management of cervical cerclage and preterm premature rupture of the membranes: should the stitch be removed? (McElrath et al), 2000;183:840-6

Nonstress tests versus biophysical profiles (Harper) (Letter); (Lewis et al) (Reply). 2000;183:777-8

Outcome of pregnancies complicated by ruptured membranes after genetic amniocentesis (Borgida et al). 2000;183:937-9

Participation of the novel cytokine interleukin 18 in the host response to intra-amniotic infection (Pacora et al). 2000;183:1138-43

The Preterm Prediction Study: prediction of preterm premature rupture of membranes through clinical findings and ancillary testing (Mercer et al). 2000;183:738-45

Pretreatment of human amnion-chorion with vitamins C and E prevents hypochlorous acid-induced damage (Plessinger et al), 2000-183-979-85

Role of amnioinfusion in the management of premature rupture of

the membranes at <26 weeks' gestation (Locatelli et al). 2000;183:878-82

Timing of cerclage removal after preterm premature rupture of membranes: maternal and neonatal outcomes (Jenkins et al). 2000;183:847-52

### Fetal monitoring

A comparison of visual analyses of intrapartum fetal heart rate tracings according to the new National Institute of Child Health and Human Development guidelines with computer analyses by an automated fetal heart rate monitoring system (Devoe et al). 2000;183:361-6

Fetal response to maternally administered morphine (Kopecky et al). 2000;183:424-30

Have they really gone as far as they can go? (Goodlin) (Letter); (Dayal and Manning) (Reply). 2000;183:783

Nonstress tests versus biophysical profiles (Harper) (Letter); (Lewis et al) (Reply). 2000;183:777-8

Waveform analysis of the fetal electrocardiogram: methodologic aspects (Rosén) (Letter); (Strachan et al) (Reply). 2000;183:1588-9

#### Fetal organ maturity

Assessment of fetal lung volumes and liver herniation with magnetic resonance imaging in congenital diaphragmatic hernia (Walsh et al). 2000;183:1067-9

Comparison of infrared spectroscopic and fluorescence depolarization assays for fetal lung maturity (Liu et al). 2000;183:181-7

Treatment of severe congenital diaphragmatic hernia by fetal tracheal occlusion: clinical experience with fifteen cases (Flake et al), 2000;183:1059-66

### Fetal surgery

Fetal hydrolaparoscopy and endoscopic cystotomy in complicated cases of lower urinary tract obstruction (Quintero et al). 2000;183: 324-33

Hindbrain herniation develops in surgically created myelomeningocele but is absent after repair in fetal lambs (Paek et al). 2000;183:1119-23

### Fetofetal transfusion

Antenatal factors at diagnosis that predict outcome in twin-twin transfusion syndrome (Taylor et al), 2000;183:1023-8

Long-term outcome in twin-twin transfusion syndrome treated with serial aggressive amnioreduction (Mari et al). 2000;183:211-7

# Fetus

Absence of maternal-fetal transmission of human immunodeficiency virus type 1 to second-trimester fetuses (Pascual et al). 2000;183:638-42

Acute maternal rehydration increases the urine production rate in the near-term human fetus (Oosterhof et al), 2000;183:226-9

Assessment of fetal scalp oxygen saturation determination in the sheep by transmission pulse oximetry (Nijland et al), 2000;183:1549-53

The association between meconium and the production and reabsorption of lung liquid and lactate loss by in vitro lungs from fetal guinea pigs (Chua et al). 2000;183:235-44

Cell-free fetal deoxyribonucleic acid in maternal circulation as a marker of fetal-maternal hemorrhage in patients undergoing external cephalic version near term (Lau et al). 2000;183:712-6

The clinical utility of fetal cell sorting to determine prenatally fetal E/e or e/e Rh genotype from peripheral maternal blood (Geifman-Holtzman et al), 2000;183:462-8

Delayed hypotension and subendocardial injury after repeated umbilical cord occlusion in near-term fetal lambs (Gunn et al). 2000;183:1564-72

The effect of fetal neck position on nuchal fold thickness (Olson et al). 2000;183:995-7

Fetal erythropoietin levels in pregnancies complicated by meconium passage: does meconium suggest fetal hypoxia? (Jazayeri et al). 2000;183:188-90

Fetal hypothalamic-pituitary-adrenal axis (Chez). 2000;183:1310 (Letter)

#### Fetus-cont'd

Genetic expression by fetal chorionic villi during the first trimester of human gestation (Dizon-Townson et al). 2000;183:706-11

Relation between damage to the placenta and the fetal brain after late-gestation placental embolization and fetal growth restriction in sheep (Duncan et al). 2000;183:1013-22

Transcervical sampling as a means of detection of fetal cells during the first trimester of pregnancy (Daryani et al). 2000;183:752-4

### Fetus, drug effects

Effect of antenatal exposure to Saint John's wort (Hypericum) on neurobehavior of developing mice (Rayburn et al). 2000;183:1225-31

Fetal response to maternally administered morphine (Kopecky et al). 2000:183:424-30

Lack of relationship between diurnal rhythms in fetal heart rate and maternal cortisol concentration (Lunshof et al). 2000;183:460-1

Neurobiology of behavioral changes after prenatal exposure to paroxetine (Paxil) (Friedman). 2000;183:518-9 (Letter)

Nicotine transdermal patches and pregnancy (Serra et al) (Letter): (Schroeder et al) (Reply), 2000;183:778-9

Pregnancy outcome after in utero exposure to itraconazole: a prospective cohort study (Bar-Oz et al). 2000;183;617-20

### Fibroid tumor; see Leiomyoma

#### Fibronectins

The Preterm Prediction Study: quantitative fetal fibronectin values and the prediction of spontaneous preterm birth (Goepfert et al). 2000;183:1480-3

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# First trimester of pregnancy; see Pregnancy trimester, first Flaps, surgical; see Surgical flaps

# Flotation catheters; see Catheters, indwelling

### Fluid therapy

Acute maternal rehydration increases the urine production rate in the near-term human fetus (Oosterhof et al). 2000;183:226-9

### Fluorescence

Assessment of 5-aminolevulinic acid-induced porphyrin fluorescence in patients with peritoneal endometriosis (Hillemanns et al). 2000;183:52-7

Comparison of infrared spectroscopic and fluorescence depolarization assays for fetal lung maturity (Liu et al). 2000;183:181-7

### Fluorouracil

Questions about case report on vaginal dysplasia (Fanning) (Letter); (Powell) (Reply). 2000;183:1592-3

### Folic acid

Low-dose folic acid supplementation reduces plasma levels of the cardiovascular risk factor homocysteine in postmenopausal women (De Leo et al), 2000;183:945-7

### Foot, abnormalities

Fetal polydactyly diagnosis during early pregnancy: clinical applications (Zimmer and Bronshtein). 2000;183:755-8

### FSH

Suppression by developing ovarian follicles of the low-dose endotoxin-induced glomerular inflammatory reaction in the pregnant rat (Schuiling et al). 2000;183:89-93

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### Gene transfer; see Transfection Genetics

Genetic expression by fetal chorionic villi during the first trimester of human gestation (Dizon-Townson et al). 2000;183:706-11

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Outcome of pregnancies complicated by ruptured membranes after genetic anniocentesis (Borgida et al). 2000;183:937-9

### Genital diseases, female

Genital human papillomavirus infection in women who have sex with women: a review (Marrazzo et al). 2000;183:770-4 (AJOG reviews)

Individual immunity and susceptibility to female genital tract infection (Witkin et al). 2000;183:252-6 (AJOG reviews)

Levels of vaginal secretory leukocyte protease inhibitor are decreased in women with lower reproductive tract infections (Draper et al), 2000;183:1243-8

# Genital neoplasms, female

Serum antibodies to the 27-kd heat shock protein in women with gynecologic cancers (Korneeva et al). 2000;183:18-21

## Genital prolapse; see Uterine prolapse

#### Genitalia, female

Vulvar epithelial inclusion cyst as a late complication of childhood female traditional genital surgery (Kroll and Miller). 2000;183:509-10

### Genitourinary diseases; see Urogenital diseases

#### Genome

Regular disappearance of the human papillomavirus genome after conization of cervical dysplasia by carbon dioxide laser (Kjellberg et al). 2000;183:1238-42

#### Genotype

The clinical utility of fetal cell sorting to determine prenatally fetal *E/e* or *e/e* Rh genotype from peripheral maternal blood (Geifman-Holtzman et al). 2000;183:462-8

### Gestational age

Association of preeclampsia with high birth weight for gestational age (Xiong et al), 2000;183:148-55

New standards for birth weight by gestational age using family data (Skiærven et al), 2000;183:689-96

### Gestational diabetes; see Diabetes, gestational

### Gestoden

Low doses of estradiol in combination with gestodene to prevent early postmenopausal bone loss (Bjarnason et al). 2000;183:550-60

### Glucocorticoids

Corticotropin-releasing hormone, corticotropin-releasing hormone–binding protein, and activin A in maternal serum: prediction of preterm delivery and response to glucocorticoids in women with symptoms of preterm labor (Coleman et al). 2000;183:643-8

### Glucose

Oral contraceptive use and glucose metabolism in a national sample of women in the United States (Troisi et al). 2000;183:389-95

Vanadate enhances but does not normalize glucose transport and insulin receptor phosphorylation in skeletal muscle from obese women with gestational diabetes mellitus (Shao et al). 2000; 183:1263-70

### Gonadorelin

Gonadotropin-releasing hormone agonist treatment for endometriosis of the rectovaginal septum (Fedele et al). 2000;183:1462-7

# Gonadotropins, chorionic

Comparison of urinary hyperglycosylated human chorionic gonadctropin concentration with the serum triple screen for Down syndrome detection in high-risk pregnancies (Bahado-Singh et al). 2000;183:1114-8

The roles of clinical assessment, human chorionic gonadotropin assays, and ultrasonography in medical abortion practice (Paul et al), 2000;183:S34-43 (Symposium)

# Gravity

Portal vein blood flow—effects of pregnancy, gravity, and exercise (Clapp et al). 2000;183:167-72

### Group B streptococcus; see Streptococcus agalactiae

### Growth, fetal; see Fetal development

### Growth substances

Estrogen augments the vasodilatory effects of vascular endothelial growth factor in the uterine circulation of the rat (Storment et al). 2000;183:449-53

Reductions of vascular endothelial growth factor and placental growth factor concentrations in severe preeclampsia (Livingston et al). 2000;183:1554-7

### Guanyl cyclase

Differential alterations in responsiveness in particulate and soluble guanylate cyclases in pregnant guinea pig myometrium (Buhimschi et al). 2000;183:1512-9

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An appraisal of treatment guidelines for antepartum communityacquired pneumonia (Yost et al). 2000;183:131-5

Cervical cancer practice patterns and appropriateness of therapy (Howell et al), 2000; [83:407-13

A comparison of visual analyses of intrapartum fetal heart rate tracings according to the new National Institute of Child Health and Human Development guidelines with computer analyses by an automated fetal heart rate monitoring system (Devoe et al). 2000;183:361-6

# Gynecologic cancers; see Genital neoplasms, female Gynecology

A faculty development course in obstetrics and gynecology (Grimes et al). 2000;183:1041-4 (Education)

Validity and utility of the PRIME-MD Patient Health Questionnaire in assessment of 3000 obstetric-gynecologic patients: The PRIME-MD Patient Health Questionnarie Obstetrics-Gynecology Study (Spitzer et al). 2000;183:759-69 (Education)

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#### Hand, abnormalities

Fetal polydactyly diagnosis during early pregnancy: clinical applications (Zimmer and Bronshtein). 2000;183:755-8

### Head

Impact of head-to-abdominal circumference asymmetry on outcomes in growth-discordant twins (Dashe et al). 2000;183: 1082-7

### Health care

The distribution of pelvic organ support in a population of female subjects seen for routine gynecologic health care (Swift). 2000; 183:277-85

Medical abortion: public health and private lives (Grimes). 2000; 183:S1-2 (Symposium)

### Heart rate, fetal

A comparison of visual analyses of intrapartum fetal heart rate tracings according to the new National Institute of Child Health and Human Development guidelines with computer analyses by an automated fetal heart rate monitoring system (Devoe et al). 2000:183:361-6

Lack of relationship between diurnal rhythms in fetal heart rate and maternal cortisol concentration (Lunshof et al). 2000;183: 460-1

A multicenter controlled trial of fetal pulse oximetry in the intrapartum management of nonreassuring fetal heart rate patterns (Garite et al). 2000;183:1049-58

# Heat shock proteins

Serum antibodies to the 27-kd heat shock protein in women with gynecologic cancers (Korneeva et al). 2000;183:18-21

# HELLP syndrome

HELLP (hemolysis, elevated liver enzymes, and low platelet count) syndrome versus severe preeclampsia: onset at ≤28.0 weeks' gestation (Haddad et al). 2000;183:1475-9

Impact of high-dose corticosteroid therapy for patients with HELLP (hemolysis, elevated liver enzymes, and low platelet count) syndrome (O'Brien et al). 2000;183:921-4

Risk factors for adverse maternal outcomes among women with HELLP (hemolysis, elevated liver enzymes, and low platelet count) syndrome (Haddad et al). 2000;183:444-8 Vascular reactivity in patients with preeclampsia and HELLP (hemolysis, elevated liver enzymes, and low platelet count) syndrome (Fischer et al). 2000;183:1489-94

Were there any misdiagnoses? (Goodlin) (Letter); (Tompkins) (Reply). 2000;183:1046

### Hematopoiesis

Normal development of human fetal hematopoiesis between eight and seventeen weeks' gestation (Pahal et al). 2000;183:1029-34

# Hematopoietic stem cells

Association of stress during delivery with increased numbers of nucleated cells and hematopoietic progenitor cells in umbilical cord blood (Lim et al). 2000;183:1144-51

Developmental changes in adhesion molecule expressions in umbilical cord blood CD34\* hematopoietic progenitor and stem cells (Surbek et al). 2000;183:1152-7

Highly efficient gene transfer into preterm CD34\* hematopoietic progenitor cells (Shields et al). 2000;183:732-7

#### Hemodynamics

A comparison of hemodynamic data derived by pulmonary artery flotation catheter and the esophageal Doppler monitor in preeclampsia (Penny et al). 2000;183:658-61

Relationship of systemic hemodynamics, left ventricular structure and function, and plasma natriuretic peptide concentrations during pregnancy complicated by preeclampsia (Borghi et al). 2000;183: 140-7

Validation of bioimpedance estimates of cardiac output in preeclampsia (Scardo et al). 2000;183:911-3

### Hemolysis

HELLP (hemolysis, elevated liver enzymes, and low platelet count) syndrome versus severe preeclampsia: onset at ≤28.0 weeks' gestation (Haddad et al). 2000;183:1475-9

Impact of high-dose corticosteroid therapy for patients with HELLP (hemolysis, elevated liver enzymes, and low platelet count) syndrome (O'Brien et al). 2000;183:921-4

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Vascular reactivity in patients with preeclampsia and HELLP (hemolysis, elevated liver enzymes, and low platelet count) syndrome (Fischer et al). 2000;183:1489-94

Were there any misdiagnoses? (Goodlin) (Letter); (Tompkins) (Reply). 2000;183:1046

### Hemorrhage

Cell-free fetal deoxyribonucleic acid in maternal circulation as a marker of fetal-maternal hemorrhage in patients undergoing external cephalic version near term (Lau et al). 2000;183:712-6

### Herbs

Effect of antenatal exposure to Saint John's wort (*Hypericum*) on neurobehavior of developing mice (Rayburn et al). 2000;183:1225-31

### Herni

Assessment of fetal lung volumes and liver herniation with magnetic resonance imaging in congenital diaphragmatic hernia (Walsh et al). 2000;183:1067-9

Hindbrain herniation develops in surgically created myelomeningocele but is absent after repair in fetal lambs (Paek et al). 2000;183:1119-23

# Hernia, diaphragmatic

Assessment of fetal lung volumes and liver herniation with magnetic resonance imaging in congenital diaphragmatic hernia (Walsh et al). 2000;183:1067-9

Treatment of severe congenital diaphragmatic hernia by fetal tracheal occlusion: clinical experience with fifteen cases (Flake et al). 2000;183:1059-66

### Herpes gestationis

Pemphigoid gestationis: a review (Engineer et al). 2000;183:483-91 (AJOG reviews)

### Herpes simplex

- An appraisal of screening for maternal type-specific herpes simplex virus antibodies to prevent neonatal herpes (Rouse and Stringer). 2000;183:400-6
- Cervical shedding of herpes simplex virus and cytomegalovirus throughout the menstrual cycle in women infected with human immunodeficiency virus type 1 (Mostad et al), 2000;183:948-55

### Hindbrain; see Rhombencephalon

#### HIV

- Complications according to mode of delivery among human immunodeficiency virus-infected women with CD4 lymphocyte counts of ≤500/µL (Watts et al). 2000;183:100-7
- Consented testing of newborns and childbearing women for human immunodeficiency virus through a newborn metabolic screening program (Birkhead et al), 2000;183:245-51
- Ethical theory and principles: do they have any relevance to problems arising in everyday practice? (Finnerty et al). 2000;183:301-8
- Levels of vaginal secretory leukocyte protease inhibitor are decreased in women with lower reproductive tract infections (Draper et al), 2000;183:1243-8
- Vaginal infections in human immunodeficiency virus-infected women (Helfgott et al). 2000;183:347-55

#### HIV-1

- Absence of maternal-fetal transmission of human immunodeficiency virus type 1 to second-trimester fetuses (Pascual et al). 2000;183:638-42
- Cervical shedding of herpes simplex virus and cytomegalovirus throughout the menstrual cycle in women infected with human immunodeficiency virus type 1 (Mostad et al), 2000;183:948-55

#### HLA-C

Soluble HLA-G circulates in maternal blood during pregnancy (Hunt et al), 2000;183:682-8

# Homeostasis

Further observations on the fetal inflammatory response syndrome: a potential homeostatic role for the soluble receptors of tumor necrosis factor α (Romero et al), 2000;183:1070-7

## Homocysteine

- Low-dose folic acid supplementation reduces plasma levels of the cardiovascular risk factor homocysteine in postmenopausal women (De Leo et al). 2000;183:945-7
- Second-trimester plasma homocysteine levels and pregnancyinduced hypertension, preeclampsia, and intrauterine growth restriction (Hogg et al). 2000;183:805-9

# Homosexuality

Genital human papillomavirus infection in women who have sex with women: a review (Marrazzo et al). 2000;183:770-4 (AJOG reviews)

# Hormone replacement therapy; see Estrogen replacement therapy Hospitals, community

- Adjustment for case mix in comparisons of cesarean delivery rates: university versus community hospitals in Vermont (Whitsel et al). 2000;183:1170-5
- Association between level of delivery hospital and neonatal outcomes among South Carolina Medicaid recipients (Sanderson et al). 2000;183:1504-11

### Hospitals, university

Adjustment for case mix in comparisons of cesarean delivery rates: university versus community hospitals in Vermont (Whitsel et al). 2000;183:1170-5

# Human chorionic gonadotropins; see Gonadotropins, chorionic Human immunodeficiency virus; see HIV

### Hydatidiform mole

Choriocarcinoma after hydatidiform mole (Szulman). 2000;183:257 (Letter)

# Hydration

A randomized controlled trial of the effect of increased intravenous

hydration on the course of labor in nulliparous women (Garite et al), 2000;183:1544-8

### Hydrocortisone

Lack of relationship between diurnal rhythms in fetal heart rate and maternal cortisol concentration (Lunshof et al). 2000;183:460-1

#### Hydrogen-ion concentration

Fetal blood lactate concentration (Spencer et al) (Letter); (Kruger and Westren) (Reply). 2000;183:1308

### Hydrolaparoscopy; see Surgery, laparoscopic

### Hydrops fetalis

Middle cerebral artery Doppler velocimetric deceleration angle as a predictor of fetal anemia in Rh-alloimmunized fetuses without hydrops (Bahado-Singh et al). 2000;183:746-51

#### Hydrosalpinx

Cauterization of hydrosalpinges before in vitro fertilization is an effective surgical treatment associated with improved pregnancy rates (Stadtmauer et al). 2000;183:367-71

# Hydroxylases

21-Hydroxylase-deficient nonclassic adrenal hyperplasia is a progressive disorder: a multicenter study (Moran et al), 2000;183:1468-74

#### Hygien

Adverse behavioral and sexual factors in chronic vulvar disease (Marin et al), 2000;183:34-8

### Hyperandrogenism

Induction of ovulation in infertile women with hyperandrogenism and insulin resistance (Barbieri). 2000;183:1412-8 (Clin. opinion)

#### Hypertensio

- Birth weight and 24-hour ambulatory blood pressure in nonproteinuric hypertensive pregnancy (Waugh et al). 2000;183:633-7
- Effects of smoking on blood pressure during pregnancy on balance are negative (Friedman) (Letter); (Zhang et al) (Reply). 2000;183: 776-7
- End-tidal carbon monoxide measurements in women with pregnancy-induced hypertension and preeclampsia (Baum et al). 2000;183:900-3
- Increased endometrial thickness in women with hypertension (Bornstein et al), 2000;183:583-7
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- Preterm delivery in women with pregestational diabetes mellitus or chronic hypertension relative to women with uncomplicated pregnancies (Sibai et al). 2000;183:1520-4
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### Hypochlorous acids

Pretreatment of human amnion-chorion with vitamins C and E prevents hypochlorous acid—induced damage (Plessinger et al). 2000; 183:979-85

# Hypoperfusion; see Perfusion

### Hypotension

Delayed hypotension and subendocardial injury after repeated umbilical cord occlusion in near-term fetal lambs (Gunn et al). 2000;183:1564-72

# Hypothalamus

Fetal hypothalamic-pituitary-adrenal axis (Chez). 2000;183:1310 (Letter)

# Hypoxia; see Anoxia

## Hysterectomy

Comparability of perioperative morbidity between abdominal myomectomy and hysterectomy for women with uterine leiomyomas (Sawin et al), 2000;183:1448-55

- Patient satisfaction with results of hysterectomy (Kjerulff et al). 2000;183:1440-7
- Patients' outlook, experience, and satisfaction with hysterectomy, bilateral oophorectomy, and subsequent continuation of hormone replacement therapy (Khastgir and Studd). 2000;183:1427-33
- Utility of bipolar electrocautery scissors for abdominal hysterectomy (Dessole et al). 2000;183:396-9

### Hysterectomy, vaginal

- The role of vaginal apex excision in the management of persistent posthysterectomy dyspareunia (Sharp et al). 2000;183:1385-9
- Vaginal subtotal hysterectomy and sacrospinous colpopexy: an option in the management of uterine prolapse (Hefni and El-Toukhy). 2000;183:494-5

I

# Idarubicin

Cardiotoxic transplacental effect of idarubicin administered during the second trimester of pregnancy (Achtari and Hohlfeld). 2000;183:511-2

#### IgA

Secretory component: a potential regulator of endometrial-decidual prostaglandin production in early human pregnancy (Norwitz and Wilson). 2000;183:108-17

### Immune cells; see Cells

#### Immunity

Individual immunity and susceptibility to female genital tract infection (Witkin et al). 2000;183:252-6 (AJOG reviews)

### In situ hybridization, fluorescence

Transcervical sampling as a means of detection of fetal cells during the first trimester of pregnancy (Daryani et al). 2000;183:752-4

### In vitro fertilization; see Fertilization in vitro

### Incidence

Five-year incidence and remission rates of female urinary incontinence in a Swedish population less than 65 years old (Samuelsson et al). 2000;183:568-74

### Incompatibility, blood group; see Blood group incompatibility Indomethacin

- Cyclooxygenase is involved in the effects of progesterone-induced blocking factor on the production of interleukin 12 (Par et al).
- Indomethacin blocks interleukin 1 $\beta$ -induced myometrial contractions in pregnant rhesus monkeys (Sadowsky et al). 2000;183:173-80
- Physiologic role of nitric oxide in the maintenance of uterine quiescence in nonpregnant and pregnant sheep (Mirabile et al). 2000;183:191-8

### Induction of labor; see Labor, induced

### Induction of ovulation; see Ovulation induction

### Infant, newborn

- Association of ABO incompatibility with elevation of nucleated red blood cell counts in term neonates (Hanlon-Lundberg and Kirby). 2000:183:1532-6
- Association between level of delivery hospital and neonatal outcomes among South Carolina Medicaid recipients (Sanderson et al). 2000;183:1504-11
- Association of severe placental insufficiency and systemic venous pressure rise in the fetus with increased neonatal cardiac troponin T levels (Mäkikallio et al), 2000;183:726-31
- Histologic chorioamnionitis is associated with fetal growth restriction in term and preterm infants (Williams et al). 2000;183:1094-9
- Maternal and neonatal outcomes after induction of labor without an identified indication (Dublin et al). 2000;183:986-94
- Timing of antenatal corticosteroids and neonatal pulmonary mechanics (McEvoy et al). 2000;183:895-9

# Infant, newborn, diseases

An appraisal of screening for maternal type-specific herpes simplex

- virus antibodies to prevent neonatal herpes (Rouse and Stringer). 2000:183:400-6
- Cardiotoxic transplacental effect of idarubicin administered during the second trimester of pregnancy (Achtari and Hohlfeld). 2000;183:511-2
- Group B streptococci causing neonatal bloodstream infection: antimicrobial susceptibility and serotyping results from SENTRY centers in the Western Hemisphere (Andrews et al). 2000;183:859-62
- Neonatal sepsis and death after multiple courses of antenatal betamethasone therapy (Vermillion et al). 2000;183:810-4
- The relationship among inflammatory lesions of the umbilical cord (funisitis), umbilical cord plasma interleukin 6 concentration, amniotic fluid infection, and neonatal sepsis (Yoon et al). 2000;183: 1124-9
- Vaginal delivery of twins and neonatal respiratory disorders (Suzuki). 2000;183:780 (Reply)

### Infant, premature

- Histologic chorioamnionitis is associated with fetal growth restriction in term and preterm infants (Williams et al). 2000;183:1094-9
- The Preterm Prediction Study: prediction of preterm premature rupture of membranes through clinical findings and ancillary testing (Mercer et al). 2000;183:738-45
- Timing of antenatal corticosteroids and neonatal pulmonary mechanics (McEvoy et al). 2000;183:895-9

### Infant, premature, diseases

Magnesium sulfate for tocolysis and risk of spastic cerebral palsy in premature children born to women without preeclampsia (Grether et al). 2000;183:717-25

### Infant, small for gestational age

- Association of preeclampsia with high birth weight for gestational age (Xiong et al). 2000;183:148-55
- Placental expression of syndecan 1 is diminished in preeclampsia (Jokimaa et al). 2000;183:1495-8

## Infant death

Neonatal sepsis and death after multiple courses of antenatal betamethasone therapy (Vermillion et al). 2000;183:810-4

### Infecti

- Amniotic fluid index values after preterm premature rupture of the membranes and subsequent perinatal infection (Vermillion et al).
- Cervical shedding of herpes simplex virus and cytomegalovirus throughout the menstrual cycle in women infected with human immunodeficiency virus type 1 (Mostad et al). 2000;183:948-55
- Evidence of in vivo differential bioavailability of the active forms of matrix metalloproteinases 9 and 2 in parturition, spontaneous rupture of membranes, and intra-amniotic infection (Maymon et al). 2000: 183-887-94
- Genital human papillomavirus infection in women who have sex with women: a review (Marrazzo et al). 2000;183:770-4 (AJOG reviews)
- Group B streptococci causing neonatal bloodstream infection: antimicrobial susceptibility and serotyping results from SENTRY centers in the Western Hemisphere (Andrews et al). 2000;183:859-62
- Histologic inflammation in the maternal and fetal compartments in a rabbit model of acute intra-amniotic infection (Davies et al). 2000:183:1088-93
- Human neutrophil collagenase (matrix metalloproteinase 8) in parturition, premature rupture of the membranes, and intrauterine infection (Maymon et al). 2000;183:94-9
- Individual immunity and susceptibility to female genital tract infection (Witkin et al). 2000;183:252-6 (AJOG reviews)
- Lactoferrin in intrauterine infection, human parturition, and rupture of fetal membranes (Pacora et al). 2000;183:904-10

#### Infection-cont'd

- Levels of vaginal secretory leukocyte protease inhibitor are decreased in women with lower reproductive tract infections (Draper et al), 2000;183:1243-8
- Participation of the novel cytokine interleukin 18 in the host response to intra-amniotic infection (Pacora et al). 2000;183:1138-43
- A population-based five-year follow-up study of cervical human papillomavirus infection (Elfgren et al). 2000;183:561-7
- Prenatal diagnosis of symptomatic congenital cytomegalovirus infection (Guerra et al). 2000;183:476-82
- The relationship among inflammatory lesions of the umbilical cord (funisitis), umbilical cord plasma interleukin 6 concentration, amniotic fluid infection, and neonatal sepsis (Yoon et al). 2000;183: 1124-9
- Sexually transmitted infection and teenage sexuality (McIlhaney). 2000:183:334-9

### Infertility, female

Induction of ovulation in infertile women with hyperandrogenism and insulin resistance (Barbieri). 2000;183:1412-8 (Clin. opinion)

### Inflammation

- Histologic inflammation in the maternal and fetal compartments in a rabbit model of acute intra-amniotic infection (Davies et al). 2000;183:1088-93
- The relationship among inflammatory lesions of the umbilical cord (funisitis), umbilical cord plasma interleukin 6 concentration, amniotic fluid infection, and neonatal sepsis (Yoon et al). 2000; 183:1124-9

# Infrared spectrophotometry; see Spectrophotometry, infrared Infusions, intravenous

- Methotrexate infusion in low-risk gestational trophoblastic disease (Wong et al). 2000;183:1579-82
- A randomized controlled trial of the effect of increased intravenous hydration on the course of labor in nulliparous women (Garite et al), 2000;183:1544-8

# Instruments; see Equipment and supplies Insulin

- Is insulin lispro associated with the development or progression of diabetic retinopathy during pregnancy? (Buchbinder et al), 2000;183:1162-5
- Vanadate enhances but does not normalize glucose transport and insulin receptor phosphorylation in skeletal muscle from obese women with gestational diabetes mellitus (Shao et al). 2000; 183:1263-70

### Insulin-like growth factor; see Somatomedins Insulin resistance

Induction of ovulation in infertile women with hyperandrogenism and insulin resistance (Barbieri), 2000;183:1412-8 (Clin, opinion)

### Interleukin-1

Indomethacin blocks interleukin  $1\beta$ -induced myometrial contractions in pregnant rhesus monkeys (Sadowsky et al). 2000;183:173-80

# Interleukin-6

- Hypoperfusion causes increased production of interleukin 6 and tumor necrosis factor α in the isolated, dually perfused placental cotyledon (Pierce et al). 2000;183:863-7
- Interleukin 6 determinations in cervical fluid have diagnostic and prognostic value in preterm premature rupture of membranes (Jun et al). 2000;183:868-73
- The relationship among inflammatory lesions of the umbilical cord (funisitis), umbilical cord plasma interleukin 6 concentration, amniotic fluid infection, and neonatal sepsis (Yoon et al). 2000; 183:1124-9

# Interleukins

Cyclooxygenase is involved in the effects of progesterone-induced

- blocking factor on the production of interleukin 12 (Par et al). 2000;183;126-30
- Participation of the novel cytokine interleukin 18 in the host response to intra-amniotic infection (Pacora et al). 2000;183:1138-43

#### Intermediate care facilities

Association between level of delivery hospital and neonatal outcomes among South Carolina Medicaid recipients (Sanderson et al), 2000;183:1504-11

# Interpregnancy interval; see Birth intervals

### Intra-aortic balloon pumping

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# Intracellular calcium; see Calcium

# Intraoperative complications

Prevalence of perioperative complications among women undergoing reconstructive pelvic surgery (Lambrou et al). 2000;183:1355-60

### Intrauterine growth restriction; see Fetal growth retardation Intrinsic sphincter deficiency; see Urinary incontinence, stress Isoenzymes

- Expression of protein kinase C isozymes in nonpregnant and pregnant human myometrium (Hurd et al). 2000;183:1525-31
- Isolated elevation of serum alkaline phosphatase level in an uncomplicated pregnancy: a case report (Vongthavaravat et al). 2000; 183:505-6

# Isoprostaglandin F20; see Dinoprost

#### Item

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# Itraconazole

Pregnancy outcome after in utero exposure to itraconazole: a prospective cohort study (Bar-Oz et al). 2000;183:617-20

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### Jurisprudence

Legal issues in the provision of medical abortion (Borgmann and Jones). 2000;183:S84-94 (Symposium)

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### Labor

- Epidural anesthesia in severe preeclampsia (Camann) (Letter); (Hogg and Hauth) (Reply), 2000;183:258
- Evidence of in vivo differential bioavailability of the active forms of matrix metalloproteinases 9 and 2 in parturition, spontaneous rupture of membranes, and intra-amniotic infection (Maymon et al), 2000;183:887-94
- Graphic analysis of actively managed labor: prospective computation of labor progress in 500 consecutive nulliparous women in spontaneous labor at term (Impey et al). 2000;183:438-43
- Human neutrophil collagenase (matrix metalloproteinase 8) in parturition, premature rupture of the membranes, and intrauterine infection (Maymon et al). 2000;183:94-9
- Lactoferrin in intrauterine infection, human parturition, and rupture of fetal membranes (Pacora et al). 2000;183:904-10
- Management of autonomic hyperreflexia with magnesium sulfate during labor in a woman with spinal cord injury (Machama et al). 2000;183:492-3
- Myometrial contractile strain at uteroplacental separation during parturition (Deyer et al). 2000;183:156-9
- A new concept of the significance of regional distribution of prostaglandin H synthase 2 throughout the uterus during late pregnancy: investigations in a baboon model (Wu et al). 2000; 183:1287-95

- Participation of the novel cytokine interleukin 18 in the host response to intra-amniotic infection (Pacora et al). 2000;183:1138-43
- A randomized controlled trial of the effect of increased intravenous hydration on the course of labor in nulliparous women (Garite et al). 2000;183:1544-8

#### Labor, induced

- Cardiovascular effects of intravaginal misoprostol in the mid trimester of pregnancy (Ramsey et al). 2000;183:1100-2
- Maternal and neonatal outcomes after induction of labor without an identified indication (Dublin et al). 2000;183:986-94
- Uterine rupture during induced trial of labor among women with previous cesarean delivery (Ravasia et al). 2000;183:1176-9

### Labor, injuries

- Maternal and neonatal outcomes after induction of labor without an identified indication (Dublin et al). 2000;183;986-94
- Troponin I measurement in the diagnosis of myocardial injury during pregnancy and delivery: two cases (Krähenmann et al) (Letter); (Ramin et al) (Reply). 2000;183:1308-10

### Labor, premature

- Cervical Incompetence Prevention Randomized Cerclage Trial (CIPRACT): study design and preliminary results (Althuisius et al), 2000;183:823-9
- Corticotropin-releasing hormone, corticotropin-releasing hormone—binding protein, and activin A in maternal serum: prediction of preterm delivery and response to glucocorticoids in women with symptoms of preterm labor (Coleman et al). 2000:183:643-8
- Elevations of group II phospholipase A<sub>2</sub> concentrations in serum and amniotic fluid in association with preterm labor (Koyama et al). 2000:183:1537-43
- Further observations on the fetal inflammatory response syndrome: a potential homeostatic role for the soluble receptors of tumor necrosis factor α (Romero et al), 2000;183:1070-7
- Indomethacin blocks interleukin 1β-induced myometrial contractions in pregnant rhesus monkeys (Sadowsky et al). 2000;183:173-80
- Inhibition of premature labor in sheep by a combined treatment of nimesulide, a prostaglandin synthase type 2 inhibitor, and atosiban, an oxytocin receptor antagonist (Grigsby et al). 2000; 183:649-57
- Magnesium sulfate therapy affects attention and working memory in patients undergoing preterm labor (Ghia et al). 2000;183:940-4
- Nifedipine as a safe and effective tocolytic agent in the treatment of preterm labor (Papatsonis et al) (Letter); (Carr and Clark) (Reply). 2000;183:513-4
- Preterm delivery in women with pregestational diabetes mellitus or chronic hypertension relative to women with uncomplicated pregnancies (Sibai et al). 2000;183:1520-4
- The Preterm Prediction Study: association of second-trimester genitourinary chlamydia infection with subsequent spontaneous preterm birth (Andrews et al). 2000;183:662-8
- The Preterm Prediction Study: quantitative fetal fibronectin values and the prediction of spontaneous preterm birth (Goepfert et al). 2000;183:1480-3
- Should intravenous tocolysis be considered beyond 34 weeks' gestation? (Jones et al), 2000;183;356-60
- Twin birth weight discordance and risk of preterm birth (Cooperstock et al). 2000;183:63-7
- Use of cervical ultrasonography in prediction of spontaneous preterm birth in triplet gestations (Guzman et al). 2000;183: 1108-13
- Use of cervical ultrasonography in prediction of spontaneous preterm birth in twin gestations (Guzman et al). 2000;183:1103-7
- Vaginal fetal fibronectin measurements from 8 to 22 weeks' gestation and subsequent spontaneous preterm birth (Goldenberg et al). 2000;183:469-75

### Labor complications

- Association of interpregnancy interval with uterine scar failure in labor: a case-control study (Esposito et al). 2000;183:1180-3
- Effect of previous vaginal delivery on the risk of uterine rupture during a subsequent trial of labor (Zelop et al). 2000;183:1184-6 Spontaneous rupture of the spleen in labor (Londero and Cocian-
- cich) (Letter); (Lang and Herbeck) (Reply). 2000;183:782-3
  Uterine rupture during induced trial of labor among women with previous cesarean delivery (Ravasia et al). 2000;183:1176-9

### Labor presentation

Cell-free fetal deoxyribonucleic acid in maternal circulation as a marker of fetal-maternal hemorrhage in patients undergoing external cephalic version near term (Lau et al). 2000;183:712-6

### Labor stage, first

Nitric oxide synthases in the human cervix at term pregnancy and effects of nitric oxide on cervical smooth muscle contractility (Ekerhovd et al). 2000;183:610-6

#### Lactate

- The association between meconium and the production and reabsorption of lung liquid and lactate loss by in vitro lungs from fetal guinea pigs (Chua et al). 2000;183:235-44
- Fetal blood lactate concentration (Spencer et al) (Letter); (Kruger and Westren) (Reply). 2000;183:1308

#### Lactoferrin

Lactoferrin in intrauterine infection, human parturition, and rupture of fetal membranes (Pacora et al). 2000;183:904-10

# Laparoscopic surgery; see Surgery, laparoscopic

## Lasers

Regular disappearance of the human papillomavirus genome after conization of cervical dysplasia by carbon dioxide laser (Kjellberg et al). 2000;183:1238-42

### Late pregnancy; see Pregnancy trimester, third Leadership

Physicians should provide moral leadership to their communities (Gambrell). 2000;183:261-70 (Pres. address)

# Leff forceps; see Obstetrical forceps

# Left ventricular function; see Ventricular function, left

# Legislation

Legal issues in the provision of medical abortion (Borgmann and Jones). 2000;183:S84-94 (Symposium)

### Leiomyoma

- Comparability of perioperative morbidity between abdominal myomectomy and hysterectomy for women with uterine leiomyomas (Sawin et al.) 2000:183:1448-55
- Treatment of uterine fibroid tumors in a nude mouse model using high-intensity focused ultrasound (Vaezy et al). 2000;183:6-11

# Length of stay

Association between level of delivery hospital and neonatal outcomes among South Carolina Medicaid recipients (Sanderson et al). 2000;183:1504-11

### Leptin

Increase in serum leptin concentrations among women with endometriosis during danazol and leuprolide depot treatments (Matalliotakis et al). 2000;183:58-62

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### Leucovorin

Methotrexate infusion in low-risk gestational trophoblastic disease (Wong et al). 2000;183:1579-82

### Leukemia, lymphocytic, acute

Cardiotoxic transplacental effect of idarubicin administered during the second trimester of pregnancy (Achtari and Hohlfeld). 2000;183:511-2

### Leukocytes

Levels of vaginal secretory leukocyte protease inhibitor are decreased in women with lower reproductive tract infections (Draper et al). 2000;183:1243-8

### Leuprolide

Increase in serum leptin concentrations among women with endometriosis during danazol and leuprolide depot treatments (Matalliotakis et al). 2000;183:58-62

#### Levator ani: see Pelvis

### Ligaments

A transvaginal approach to repair of apical and other associated sites of pelvic organ prolapse with uterosacral ligaments (Shull et al). 2000;183:1365-74

### Lipid peroxidation

Increase of the isoprostane 8-isoprostaglandin  $F_{2\alpha}$  in maternal and fetal blood of rats with streptozotocin-induced diabetes: evidence of lipid peroxidation (Gerber et al). 2000;183:1035-40

### Lipids

Resistance of pelvic arteries and plasma lipids in postmenopausal women: comparative study of tibolone and continuous combined estradiol and norethindrone acetate replacement therapy (Dören et al). 2000;183:575-82

## Lipopolysaccharides

Cyclooxygenase is involved in the effects of progesterone-induced blocking factor on the production of interleukin 12 (Par et al). 2000;183:126-30

#### Liver

Assessment of fetal lung volumes and liver herniation with magnetic resonance imaging in congenital diaphragmatic hernia (Walsh et al). 2000;183:1067-9

HELLP (hemolysis, elevated liver enzymes, and low platelet count) syndrome versus severe preeclampsia: onset at ≤28.0 weeks' gestation (Haddad et al). 2000;183:1475-9

Impact of high-dose corticosteroid therapy for patients with HELLP (hemolysis, elevated liver enzymes, and low platelet count) syndrome (O'Brien et al). 2000;183:921-4

Normal development of human fetal hematopoiesis between eight and seventeen weeks' gestation (Pahal et al). 2000;183:1029-34

Risk factors for adverse maternal outcomes among women with HELLP (hemolysis, elevated liver enzymes, and low platelet count) syndrome (Haddad et al). 2000;183;444-8

Vascular reactivity in patients with preeclampsia and HELLP (hemolysis, elevated liver enzymes, and low platelet count) syndrome (Fischer et al). 2000;183:1489-94

Were there any misdiagnoses? (Goodlin) (Letter); (Tompkins) (Reply). 2000;183:1046

# Low platelet count; see Platelet count

# Lower reproductive tract diseases; see Genital diseases, female Lung

The association between meconium and the production and reabsorption of lung liquid and lactate loss by in vitro lungs from fetal guinea pigs (Chua et al). 2000;183:235-44

Comparison of infrared spectroscopic and fluorescence depolarization assays for fetal lung maturity (Liu et al). 2000;183:181-7

### Lung volume measurements

Assessment of fetal lung volumes and liver herniation with magnetic resonance imaging in congenital diaphragmatic hernia (Walsh et al). 2000;183:1067-9

Timing of antenatal corticosteroids and neonatal pulmonary mechanics (McEvoy et al), 2000;183:895-9

### Lymph node excision

De novo adhesions with extraperitoneal endosurgical para-aortic lymphadenectomy versus transperitoneal laparoscopic para-aortic lymphadenectomy: a randomized experimental study (Occelli et al). 2000;183:529-33

### Lymphocytes

Complications according to mode of delivery among human immunodeficiency virus-infected women with CD4 lymphocyte counts of ≤500/µL (Watts et al). 2000;183:100-7

In vitro induction of tumor-specific human lymphocyte antigen class

I-restricted CD8\* cytotoxic T lymphocytes by ovarian tumor antigen-pulsed autologous dendritic cells from patients with advanced ovarian cancer (Santin et al). 2000;183:601-9

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### Magnesium

Magnesium prevents seizure-induced reduction in excitatory amino acid receptor (kainate and α-amino-3-hydroxy-5-methyl-isoxa-zole-4-propionic acid) binding in pregnant rat brain (Hallak et al). 2000;183:793-8

### Magnesium sulfate

Magnesium sulfate therapy affects attention and working memory in patients undergoing preterm labor (Ghia et al). 2000;183:940-4

Magnesium sulfate for tocolysis and risk of spastic cerebral palsy in premature children born to women without preeclampsia (Grether et al). 2000;183:717-25

Management of autonomic hyperreflexia with magnesium sulfate during labor in a woman with spinal cord injury (Maehama et al). 2000;183:492-3

### Magnetic resonance imaging

Assessment of fetal lung volumes and liver herniation with magnetic resonance imaging in congenital diaphragmatic hernia (Walsh et al). 2000;183:1067-9

Magnetic resonance imaging in an experimental model of human ovarian cancer demonstrating altered microvascular permeability after inhibition of vascular endothelial growth factor (Gossmann et al). 2000;183:956-63

### Marijuana abuse

Substance use measures among women in early pregnancy (Markovic et al). 2000;183:627-32

### Mass screening

An appraisal of screening for maternal type-specific herpes simplex virus antibodies to prevent neonatal herpes (Rouse and Stringer). 2000;183:400-6

First-trimester Down syndrome screening (Macri and Orlandi) (Letter); (Malone et al) (Reply). 2000;183;1591-2

First-trimester screening for aneuploidy by nuchal translucency (Zoppi et al) (Letter); (Malone et al) (Reply). 2000; 183:1590-2

Identification of at-risk women for osteoporosis screening (Weinstein and Ullery). 2000;183:547-9

Two-stage cervical cancer screening: an alternative for resourcepoor settings (Denny et al). 2000;183:383-8

### Mast cells

Modulation of rat uterine contractility by mast cells and their mediators (Garfield et al), 2000;183:118-25

### Maternal behavior

Cigarette smoking during pregnancy (Ek) (Letter); (Conde-Agudelo and Belizán) (Reply). 2000;183:1045-6

Effects of smoking on blood pressure during pregnancy on balance are negative (Friedman) (Letter); (Zhang et al) (Reply). 2000; 183:776-7

End-tidal carbon monoxide measurements in women with pregnancy-induced hypertension and preeclampsia (Baum et al). 2000;183:900-3

Impact of maternal cigarette smoking on fetal growth and body composition (Bernstein et al). 2000;183:883-6

Nicotine transdermal patches and pregnancy (Serra et al) (Letter); (Schroeder et al) (Reply). 2000;183:778-9

The relationship of smoking, preeclampsia, and secretory component (North et al). 2000;183:136-9

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### Maternal blood: see Blood

# Maternal circulation; see Blood circulation

### Maternal-fetal exchange

- Absence of maternal-fetal transmission of human immunodeficiency virus type 1 to second-trimester fetuses (Pascual et al). 2000;183:638-42
- Cardiotoxic transplacental effect of idarubicin administered during the second trimester of pregnancy (Achtari and Hohlfeld). 2000;183:511-2
- Cell-free fetal deoxyribonucleic acid in maternal circulation as a marker of fetal-maternal hemorrhage in patients undergoing external cephalic version near term (Lau et al). 2000;183:712-6
- Fetal response to maternally administered morphine (Kopecky et al). 2000; 183:424-30
- Neurobiology of behavioral changes after prenatal exposure to paroxetine (Paxil) (Friedman). 2000;183:518-9 (Letter)

#### Maternal mortality

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#### Meconium

- The association between meconium and the production and reabsorption of lung liquid and lactate loss by in vitro lungs from fetal guinea pigs (Chua et al). 2000;183:235-44
- Fetal erythropoietin levels in pregnancies complicated by meconium passage: does meconium suggest fetal hypoxia? (Jazayeri et al). 2000:183:188-90

#### Medicaid

Association between level of delivery hospital and neonatal outcomes among South Carolina Medicaid recipients (Sanderson et al). 2000;183:1504-11

#### Memory

Magnesium sulfate therapy affects attention and working memory in patients undergoing preterm labor (Ghia et al). 2000;183:940-4

### Meningomyelocele

Hindbrain herniation develops in surgically created myelomeningocele but is absent after repair in fetal lambs (Paek et al). 2000;183:1119-23

### Menopause

- Complex ovarian cysts in postmenopausal women are not associated with ovarian cancer risk factors: preliminary data from the Prostate, Lung, Colon, and Ovarian Cancer Screening Trial (Hartge et al). 2000;183:1232-7
- Continuous combined hormone replacement therapy and risk of endometrial cancer (Hill et al). 2000;183:1456-61
- Effects of oral contraceptives on vascular endothelium in premenopausal women (John et al). 2000;183:28-33
- Estrogen replacement in perimenopause-related depression: a preliminary report (Schmidt et al). 2000;183;414-20
- Exacerbation of endometriosis as a result of premenopausal tamoxifen exposure (Rose et al). 2000;183:507-8
- Low-dose folic acid supplementation reduces plasma levels of the cardiovascular risk factor homocysteine in postmenopausal
- women (De Leo et al). 2000;183:945-7 Low doses of estradiol in combination with gestodene to prevent early postmenopausal bone loss (Bjarnason et al). 2000;183:
- Negative mood changes during hormone replacement therapy: a comparison between two progestogens (Björn et al). 2000;183:1419-26
- Premarin-induced increases in coronary and uterine blood flow in nonpregnant sheep (Clark et al), 2000;183:12-7
- Resistance of pelvic arteries and plasma lipids in postmenopausal women: comparative study of tibolone and continuous combined estradiol and norethindrone acetate replacement therapy (Dören et al). 2000;183:575-82

### Menorrhagia

In vitro studies of cryoablation of the endometrium (Kremer and Duffy), 2000;183:22-7

### Menstrual cycle

- Cervical shedding of herpes simplex virus and cytomegalovirus throughout the menstrual cycle in women infected with human immunodeficiency virus type 1 (Mostad et al). 2000; 183-948-55
- Epithelial cell layer thickness and immune cell populations in the normal human vagina at different stages of the menstrual cycle (Patton et al). 2000;183:967-73

#### Mental disorders

Validity and utility of the PRIME-MD Patient Health Questionnaire in assessment of 3000 obstetric-gynecologic patients: The PRIME-MD Patient Health Questionnaire Obstetrics-Gynecology Study (Spitzer et al). 2000;183:759-69 (Education)

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Where does the dwarf stand—and whom does he thank? (Gallup). 2000;183:1335-7 (Pres. address)

# Messenger ribonucleic acid; see RNA, messenger

- The effect of a rapid change in availability of epidural analgesia on the cesarean delivery rate: a meta-analysis (Segal et al). 2000;
- Elective repeat cesarean delivery versus trial of labor: a meta-analysis of the literature from 1989 to 1999 (Mozurkewich and Hutton). 2000: 183:1187-97
- Questionable statistics in meta-analysis (Peleg) (Letter); (Sanchez-Ramos and Kaunitz) (Reply). 2000;183:257-8

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- Consented testing of newborns and childbearing women for human immunodeficiency virus through a newborn metabolic screening program (Birkhead et al). 2000;183:245-51
- The effects of placental extracts from normotensive and preeclamptic women on vasoconstriction and oxidative metabolism (Thomson et al), 2000:183:206-10
- Oral contraceptive use and glucose metabolism in a national sample of women in the United States (Troisi et al). 2000;183:389-95

### Metalloproteinase:

- Evidence for the participation of interstitial collagenase (matrix metalloproteinase 1) in preterm premature rupture of membranes (Maymon et al). 2000;183:914-20
- Evidence of in vivo differential bioavailability of the active forms of matrix metalloproteinases 9 and 2 in parturition, spontaneous rupture of membranes, and intra-amniotic infection (Maymon et al), 2000;183:887-94
- Human neutrophil collagenase (matrix metalloproteinase 8) in parturition, premature rupture of the membranes, and intrauterine infection (Maymon et al). 2000;183:94-9

### Methotrexate

- Alternatives to mifepristone regimens for medical abortion (Pymar and Creinin). 2000;183:S54-64 (Symposium)
- Counseling for medical abortion (Breitbart). 2000;183:S26-33 (Symposium)
- Management of side effects and complications in medical abortion (Kruse et al). 2000;183:S65-75 (Symposium)
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- Medical abortion in social context (Joffe), 2000;183:S10-5 (Sympo-
- Methotrexate infusion in low-risk gestational trophoblastic disease (Wong et al). 2000;183:1579-82

### Metronidazole

Asymptomatic bacterial vaginosis: response to therapy (Schwebke). 2000;183:1434-9

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### Microvascular permeability; see Capillary permeability Midtrimester of pregnancy; see Pregnancy trimester, second Mifepristone

Abortion with mifepristone and misoprostol: regimens, efficacy, acceptability and future directions (Newhall and Winikoff). 2000;183:S44-53 (Symposium)

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Mifepristone versus vaginally administered misoprostol for cervical priming before first-trimester termination of pregnancy; a randomized, controlled study (Ashok et al). 2000;183:998-1002

The roles of clinical assessment, human chorionic gonadotropin assays, and ultrasonography in medical abortion practice (Paul et al). 2000;183:S34-43 (Symposium)

#### Misoprostol

Abortion with mifepristone and misoprostol: regimens, efficacy, acceptability and future directions (Newhall and Winikoff). 2000;183:S44-53 (Symposium)

Cardiovascu'ar effects of intravaginal misoprostol in the mid trimester of pregnancy (Ramsey et al). 2000;183:1100-2

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Mifepristone versus vaginally administered misoprostol for cervical priming before first-trimester termination of pregnancy; a randomized, controlled study (Ashok et al), 2000;183:998-1002

### Models, theoretical

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### Mood changes

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### Morals

Physicians should provide moral leadership to their communities (Gambrell), 2000;183:261-70 (Pres. address)

### Morbidity

Cervical cancer practice patterns and appropriateness of therapy (Howell et al), 2000;183;407-13

Comparability of perioperative morbidity between abdominal myomectomy and hysterectomy for women with uterine leiomyomas (Sawin et al), 2000;183:1448-55

Is human myometrial sampling at the time of cesarean delivery safe? (McElvy et al), 2000;183:1583-6

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# Multiple gestations; see Pregnancy, multiple

### Muscle, smooth

The mechanisms underlying the stimulatory effects of thrombin on myometrial smooth muscle (Elovitz et al), 2000;183:674-81

Nitric oxide synthases in the human cervix at term pregnancy and effects of nitric oxide on cervical smooth muscle contractility (Ekerhovd et al). 2000;183:610-6

#### Muscle contraction

Nitric oxide synthases in the human cervix at term pregnancy and effects of nitric oxide on cervical smooth muscle contractility (Ekerhovd et al). 2000;183:610-6

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Vanadate enhances but does not normalize glucose transport and insulin receptor phosphorylation in skeletal muscle from obese women with gestational diabetes mellitus (Shao et al). 2000;183: 1263-70

#### Mycoplasma

Relationship of bacterial vaginosis and mycoplasmas to the risk of spontaneous abortion (Donders et al), 2000;183:431-7

#### Myocardial diseases

Cardiotoxic transplacental effect of idarubicin administered during the second trimester of pregnancy (Achtari and Hohlfeld). 2000;183:511-2

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Delayed hypotension and subendocardial injury after repeated umbilical cord occlusion in near-term fetal lambs (Gunn et al). 2000;183:1564-72

Troponin I measurement in the diagnosis of myocardial injury during pregnancy and delivery: two cases (Krähenmann et al) (Letter); (Ramin et al) (Reply), 2000;183:1308-10

### Myoma

Comparability of perioperative morbidity between abdominal myomectomy and hysterectomy for women with uterine leiomyomas (Sawin et al). 2000;183:1448-55

### Myometriun

Differential alterations in responsiveness in particulate and soluble guanylate cyclases in pregnant guinea pig myometrium (Buhimschi et al). 2000;183:1512-9

Effects of thrombin on myometrial contractions in vitro and in vivo (Elovitz et al). 2000;183:799-804

Expression of protein kinase C isozymes in nonpregnant and pregnant human myometrium (Hurd et al). 2000;183:1525-31

Indomethacin blocks interleukin 1β-induced myometrial contractions in pregnant rhesus monkeys (Sadowsky et al). 2000;183:173-80

Is human myometrial sampling at the time of cesarean delivery safe? (McElvy et al), 2000;183:1583-6

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### National High Blood Pressure Education Program Working Group on High Blood Pressure in Pregnancy

Report of the National High Blood Pressure Education Program Working Group on High Blood Pressure in Pregnancy (National High Blood Pressure Education Program Working Group on High Blood Pressure in Pregnancy). 2000;183(Jul):S1-22

### National Institute of Child Health and Human Development

A comparison of visual analyses of intrapartum fetal heart rate tracings according to the new National Institute of Child Health and Human Development guidelines with computer analyses by an automated fetal heart rate monitoring system (Devoe et al). 2000;183:361-6

# Natriuretic peptide; see Peptides

#### Neck

The effect of fetal neck position on nuchal fold thickness (Olson et al). 2000;183:995-7

First-trimester screening for an euploidy by nuchal translucency (Zoppi et al) (Letter); (Malone et al) (Reply). 2000;183:1590-2

#### Neisseria gonorrhoeae

Detection of Neisseria gonorrhoeae and Chlamydia trachomatis colonization of the gravid cervix (Asbill et al). 2000;183:340-6

# Neonatal outcome; see Pregnancy outcome

#### Neonatal screening

Consented testing of newborns and childbearing women for human immunodeficiency virus through a newborn metabolic screening program (Birkhead et al). 2000;183:245-51

#### Neonate; see Infant, newborn

### Neurobiology

Neurobiology of behavioral changes after prenatal exposure to paroxetine (Paxil) (Friedman). 2000;183:518-9 (Letter)

#### Neutrophils

Human neutrophil collagenase (matrix metalloproteinase 8) in parturition, premature rupture of the membranes, and intrauterine infection (Maymon et al). 2000;183:94-9

Neutrophil activation in preeclampsia and isolated intrauterine growth restriction (Sabatier et al). 2000;183:1558-63

#### Nicotine

Cigarette smoking during pregnancy (Ek) (Letter); (Conde-Agudelo and Belizán) (Reply). 2000;183:1045-6

Effects of smoking on blood pressure during pregnancy on balance are negative (Friedman) (Letter); (Zhang et al) (Reply). 2000;183: 776-7

End-tidal carbon monoxide measurements in women with pregnancy-induced hypertension and preeclampsia (Baum et al). 2000;183:900-3

Impact of maternal cigarette smoking on fetal growth and body composition (Bernstein et al). 2000;183:883-6

Nicotine transdermal patches and pregnancy (Serra et al) (Letter); (Schroeder et al) (Reply). 2000;183:778-9

The relationship of smoking, preeclampsia, and secretory component (North et al). 2000;183:136-9

### Nifedipine

Nifedipine as a safe and effective tocolytic agent in the treatment of preterm labor (Papatsonis et al) (Letter); (Carr and Clark) (Reply). 2000;183:513-4

### Nimesulide

Inhibition of premature labor in sheep by a combined treatment of nimesulide, a prostaglandin synthase type 2 inhibitor, and atosiban, an oxytocin receptor antagonist (Grigsby et al). 2000;183: 649-57

### Nitric oxide

Effects of oral contraceptives on vascular endothelium in premenopausal women (John et al), 2000;183;28-33

Nitric oxide synthases in the human cervix at term pregnancy and effects of nitric oxide on cervical smooth muscle contractility (Ekerhovd et al). 2000;183:610-6

Physiologic role of nitric oxide in the maintenance of uterine quiescence in nonpregnant and pregnant sheep (Mirabile et al). 2000;183:191-8

Placental tissue and inhibition of uterine contraction by nitric oxide donors (Segal) (Letter); (Vedernikov et al) (Reply). 2000;183:514-5

Preeclampsia: evidence for impaired shear stress-mediated nitric oxide release in uterine circulation (Kublickiene et al). 2000;183: 160-6

The role of nitric oxide in mediating adenosine-induced increases in uterine blood flow in the oophorectomized nonpregnant sheep (Carpenter et al), 2000;183:46-51

Value of inhaled nitric oxide in Eisenmenger syndrome during pregnancy (Rosenthal and Nelson-Piercy). 2000;183:781-2 (Letter)

# Nonstress test; see Fetal monitoring

#### Norethindrone

Resistance of pelvic arteries and plasma lipids in postmenopausal women: comparative study of tibolone and continuous combined estradiol and norethindrone acetate replacement therapy (Dören et al). 2000;183:575-82

### Nucleated red blood cells; see Erythrocytes

Nucleated stem cells; see Stem cells

### Nulliparity: see Parity

### **Nutrition disorders**

Effects of undernutrition in early pregnancy on systemic small artery function in late-gestation fetal sheep (Ozaki et al). 2000;183:1301-7

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#### Obesity

Vanadate enhances but does not normalize glucose transport and insulin receptor phosphorylation in skeletal muscle from obese women with gestational diabetes mellitus (Shao et al). 2000;183:1263-70

# Obstetric outcome; see Pregnancy outcome

### Obstetrical forceps

Comments on sequential use of instruments at operative vaginal delivery (Escamilla) (Letter); (Bofill) (Reply). 2000;183:515-6

Posterior presentations: questions on forceps delivery with rotation (Escamilla) (Letter); (Feldman) (Reply). 2000;183:779-80

Rotational application of Leff forceps (Dyack) (Letter); (Feldman) (Reply), 2000;183:779-80

#### Obstetrics

A faculty development course in obstetrics and gynecology (Grimes et al). 2000;183:1041-4 (Education)

Validity and utility of the PRIME-MD Patient Health Questionnaire in assessment of 3000 obstetric-gynecologic patients: The PRIME-MD Patient Health Questionnaire Obstetrics-Gynecology Study (Spitzer et al). 2000;183:759-69 (Education)

### Oligohydramnios

Acute maternal rehydration increases the urine production rate in the near-term human fetus (Oosterhof et al), 2000;183:226-9

Expectant management of severe preterm preeclampsia: is intrauterine growth restriction an indication for immediate delivery? (Chammas et al). 2000;183:853-8

Localization of messenger ribonucleic acid for adrenomedullin and adrenomedullin receptor in the human placenta in normal pregnancies and pregnancies complicated by oligohydramnios (Apodaca et al). 2000;183:1213-9

Role of amnioinfusion in the management of premature rupture of the membranes at <26 weeks' gestation (Locatelli et al). 2000;183:

# Oral contraceptives; see Contraceptives, oral Osteoporosis

# Identification of at-risk women for osteoporosis screening (Wein-

stein and Ullery). 2000;183:547-9 Low doses of estradiol in combination with gestodene to prevent early

# Low doses of estradiol in combination with gestodene to prevent early postmenopausal bone loss (Bjarnason et al). 2000;183:550-60

### Outcome of pregnancy; see Pregnancy outcome Ovarian cysts

Complex ovarian cysts in postmenopausal women are not associated with ovarian cancer risk factors: preliminary data from the Prostate, Lung, Colon, and Ovarian Cancer Screening Trial (Hartge et al). 2000;183:1232-7

### Ovarian neoplasms

CA 125 measurement and ultrasonography in borderline tumors of the ovary (Gotlieb et al). 2000;183:541-6

Complex ovarian cysts in postmenopausal women are not associated with ovarian cancer risk factors: preliminary data from the Prostate, Lung, Colon, and Ovarian Cancer Screening Trial (Hartge et al). 2000;183:1232-7

### Ovarian neoplasms-cont'd

- In vitro induction of tumor-specific human lymphocyte antigen class I-restricted CD8+ cytotoxic T lymphocytes by ovarian tumor antigen-pulsed autologous dendritic cells from patients with advanced ovarian cancer (Santin et al). 2000;183:601-9
- Magnetic resonance imaging in an experimental model of human ovarian cancer demonstrating aftered microvascular permeability after inhibition of vascular endothelial growth factor (Gossmann et al), 2000;183:956-63
- Postoperative administration of monophasic combined oral contraceptives after laparoscopic treatment of ovarian endometriomas: a prospective, randomized trial (Muzii et al). 2000;183:588-92
- Preoperative diagnosis of ovarian carcinoma with a novel monoclonal antibody (Lieberman et al). 2000;183;534-40

#### Ovariectomy

- Patients' outlook, experience, and satisfaction with hysterectomy, bilateral oophorectomy, and subsequent continuation of hormone replacement therapy (Khastgir and Studd). 2000;183:1427-33
- The role of nitric oxide in mediating adenosine-induced increases in uterine blood flow in the oophorectomized nonpregnant sheep (Carpenter et al). 2000;183:46-51

### Ovary

Suppression by developing ovarian follicles of the low-dose endotoxin-induced glomerular inflammatory reaction in the pregnant rat (Schuiling et al). 2000;183:89-93

### Ovulation induction

Induction of ovulation in infertile women with hyperandrogenism and insulin resistance (Barbieri). 2000;183:1412-8 (Clin. opinion)

# Oxidative metabolism; see Metabolism

### Oximetry

- Assessment of fetal scalp oxygen saturation determination in the sheep by transmission pulse oximetry (Nijland et al). 2000;183: 1549-53
- A multicenter controlled trial of fetal pulse oximetry in the intrapartum management of nonreassuring fetal heart rate patterns (Garite et al). 2000;183:1049-58

### Oxygen

Assessment of fetal scalp oxygen saturation determination in the sheep by transmission pulse oximetry (Nijland et al). 2000; 183:1549-53

### Oxytocin

- Effect of stimulatory and inhibitory drugs on uterine electrical activity measured noninvasively from the abdominal surface of pregnant rats (Buhimschi et al). 2000;183:68-75
- Influence of oxytocin on prostaglandin E<sub>2</sub> intracellular calcium, and cyclic adenosine monophosphate in human amnion-derived (WISH) cells (Pavan et al). 2000;183:76-82
- Inhibition of premature labor in sheep by a combined treatment of nimesulide, a prostaglandin synthase type 2 inhibitor, and atosiban, an oxytocin receptor antagonist (Grigsby et al). 2000; 183:649-57
- Physiologic role of nitric oxide in the maintenance of uterine quiescence in nonpregnant and pregnant sheep (Mirabile et al). 2000;183:191-8

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## Papanicolaou test; see Vaginal smears

### Papillomaviruses

- Genital human papillomavirus infection in women who have sex with women: a review (Marrazzo et al). 2000;183:770-4 (AJOG reviews)
- Molecular Papanicolaou tests in the twenty-first century: molecular analyses with fluid-based Papanicolaou technology (Lin et al). 2000;183:39-45

- A population-based five-year follow-up study of cervical human papillomavirus infection (Elfgren et al). 2000;183:561-7
- Regular disappearance of the human papillomavirus genome after conization of cervical dysplasia by carbon dioxide laser (Kjellberg et al). 2000;183;1238-42
- Two-stage cervical cancer screening; an alternative for resourcepoor settings (Denny et al). 2000;183:383-8

### Parathyroid hormones

Preterm fetal growth restriction is associated with increased parathyroid hormone-related protein expression in the fetal membranes (Curtis et al). 2000;183:700-5

### Parity

- The effect of pregnancy on the compliance of large arteries and veins in healthy parous control subjects and women with a history of preeclampsia (Spaanderman et al). 2000;183:1278-86
- Graphic analysis of actively managed labor: prospective computation of labor progress in 500 consecutive nulliparous women in spontaneous labor at term (Impey et al). 2000;183:438-43
- Measurements of the pelvic floor in women and their relationship to genital prolapse (Rizk) (Letter); (Baessler and Schuessler) (Reply), 2000;183:1589-90
- Pelvic muscle electromyography of levator ani and external anal sphincter in nulliparous women and women with pelvic floor dysfunction (Weidner et al), 2000;183:1390-401
- Quantitative electromyographic analysis of levator ani and external anal sphincter muscles of nulliparous women (Weidner et al). 2000;183:1249-56
- A randomized controlled trial of the effect of increased intravenous hydration on the course of labor in nulliparous women (Garite et al). 2000;183:1544-8

### Paroxetine

Neurobiology of behavioral changes after prenatal exposure to paroxetine (Paxil) (Friedman). 2000;183:518-9 (Letter)

### Parturition; see Labor

### Patient readmission

Patient satisfaction with results of hysterectomy (Kjerulff et al). 2000;183:1440-7

### Patient satisfaction

- Patient satisfaction with results of hysterectomy (Kjerulff et al). 2000;183:1440-7
- Patients' outlook, experience, and satisfaction with hysterectomy, bilateral oophorectomy, and subsequent continuation of hormone replacement therapy (Khastgir and Studd). 2000;183:1427-33

# Pelvic floor dysfunction; see Urinary incontinence, stress; Uterine prolapse

### Pelvic neoplasms

Low colorectal anastomosis after radical pelvic surgery: a risk factor analysis (Mirhashemi et al). 2000;183:1375-80

### Pelvic organ prolapse; see Uterine prolapse

### Pelvis

- Abnormal spinal curvature and its relationship to pelvic organ prolapse (Mattox et al). 2000;183:1381-4
- Clinical assessment of paravaginal defects (Huddleston and Dunnihoo) (Letter); (Barber) (Reply). 2000;183:519-20
- The distribution of pelvic organ support in a population of female subjects seen for routine gynecologic health care (Swift). 2000;183:277-85
- Gonadotropin-releasing hormone agonist treatment for endometriosis of the rectovaginal septum (Fedele et al). 2000;183:1462-7
- Measurements of the pelvic floor in women and their relationship to genital prolapse (Rizk) (Letter); (Baessler and Schuessler) (Reply), 2000;183:1589-90
- Pelvic muscle electromyography of levator ani and external anal sphincter in nulliparous women and women with pelvic floor dysfunction (Weidner et al). 2000;183:1390-401
- Primary amenorrhea caused by crushing trauma of the pelvis (Donner et al), 2000;183:500-1

- Quantitative electromyographic analysis of levator ani and external anal sphincter muscles of nulliparous women (Weidner et al). 2000;183:1249-56
- Resistance of pelvic arteries and plasma lipids in postmenopausal women: comparative study of tibolone and continuous combined estradiol and norethindrone acetate replacement therapy (Dören et al), 2000;183:575-82

### Pelvis, surgery

- Bilateral uterosacral ligament vaginal vault suspension with sitespecific endopelvic fascia defect repair for treatment of pelvic organ prolapse (Barber et al). 2000;183:1402-11
- Cost-effectiveness of urodynamic testing before surgery for women with pelvic organ prolapse and stress urinary incontinence (Weber and Walters). 2000;183:1338-47
- Low colorectal anastomosis after radical pelvic surgery: a risk factor analysis (Mirhashemi et al). 2000;183:1375-80
- Postoperative resolution of urinary retention in patients with advanced pelvic organ prolapse (FitzGerald et al), 2000;183:1361-4
- Prevalence of perioperative complications among women undergoing reconstructive pelvic surgery (Lambrou et al). 2000;183:1355-60
- A transvaginal approach to repair of apical and other associated sites of pelvic organ prolapse with uterosacral ligaments (Shull et al). 2000;183:1365-74

## Pemphigoid gestationis; see Herpes gestationis

### Penicillin G, benzathine

Late third-trimester treatment of rectovaginal group B streptococci with benzathine penicillin G (Bland et al). 2000;183:372-6

#### Peptides

Relationship of systemic hemodynamics, left ventricular structure and function, and plasma natriuretic peptide concentrations during pregnancy complicated by preeclampsia (Borghi et al). 2000;183:140-7

### Perfusion

Hypoperfusion causes increased production of interleukin 6 and tumor necrosis factor  $\alpha$  in the isolated, dually perfused placental cotyledon (Pierce et al). 2000;183:863-7

### Perimenopause; see Menopause

### Perineum

Transperineal versus transvaginal ultrasonography during the second trimester (Zilianti) (Letter); (Owen) (Reply). 2000;183:1045

# Perioperative complications; see Intraoperative complications Peritoneum

- Assessment of 5-aminolevulinic acid-induced porphyrin fluorescence in patients with peritoneal endometriosis (Hillemanns et al), 2000;183:52-7
- De novo adhesions with extraperitoneal endosurgical para-aortic lymphadenectomy versus transperitoneal laparoscopic para-aortic lymphadenectomy: a randomized experimental study (Occelli et al). 2000;183:529-33

### Personnel staffing and scheduling

Medical abortion service delivery (Breitbart et al). 2000;183:S16-25 (Symposium)

### Phoenholinases

Elevations of group II phospholipase A<sub>2</sub> concentrations in serum and amniotic fluid in association with preterm labor (Koyama et al). 2000:183:1537-43

### Phosphorylation

Vanadate enhances but does not normalize glucose transport and insulin receptor phosphorylation in skeletal muscle from obese women with gestational diabetes mellitus (Shao et al). 2000; 183:1263-70

### Physicians

Physicians should provide moral leadership to their communities (Gambrell). 2000;183:261-70 (Pres. address)

### Pituitary gland

Fetal hypothalamic-pituitary-adrenal axis (Chez). 2000;183:1310 (Letter)

#### Placenta

- Apoptosis is a rare event in first-trimester placental tissue (Smith et al). 2000;183:697-9
- Beginning regular exercise in early pregnancy: effect on fetoplacental growth (Clapp et al). 2000;183:1484-8
- Differential localization of placental extracellular superoxide dismutase as pregnancy progresses (Boggess et al). 2000;183:199-205
- The effects of placental extracts from normotensive and preeclamptic women on vasoconstriction and oxidative metabolism (Thomson et al), 2000;183;206-10
- Genetic expression by fetal chorionic villi during the first trimester of human gestation (Dizon-Townson et al). 2000;183:706-11
- Hypoperfusion causes increased production of interleukin 6 and tumor necrosis factor α in the isolated, dually perfused placental cotyledon (Pierce et al). 2000;183:863-7
- Localization of messenger ribonucleic acid for adrenomedullin and adrenomedullin receptor in the human placenta in normal pregnancies and pregnancies complicated by oligohydramnios (Apodaca et al), 2000;183:1213-9
- Myometrial contractile strain at uteroplacental separation during parturition (Deyer et al). 2000;183:156-9
- Placental expression of syndecan 1 is diminished in preeclampsia (Jokimaa et al). 2000;183:1495-8
- Placental tissue and inhibition of uterine contraction by nitric oxide donors (Segal) (Letter); (Vedernikov et al) (Reply), 2000;183:514-5
- Reductions of vascular endothelial growth factor and placental growth factor concentrations in severe preeclampsia (Livingston et al). 2000;183:1554-7
- Relation between damage to the placenta and the fetal brain after late-gestation placental embolization and fetal growth restriction in sheep (Duncan et al). 2000;183:1013-22
- Umbilical cord blood collection before placental delivery during cesarean delivery increases cord blood volume and nucleated cell number available for transplantation (Surbek et al). 2000;183:218-21

### Placental insufficiency

Association of severe placental insufficiency and systemic venous pressure rise in the fetus with increased neonatal cardiac troponin T levels (Mäkikallio et al). 2000;183:726-31

### Plasma

- Low-dose folic acid supplementation reduces plasma levels of the cardiovascular risk factor homocysteine in postmenopausal women (De Leo et al). 2000;183:945-7
- Plasma, urinary, and salivary 8-epi-prostaglandin  $F_{2\alpha}$  levels in normotensive and preeclamptic pregnancies (McKinney et al). 2000; 183:874-7
- The relationship among inflammatory lesions of the umbilical cord (funisitis), umbilical cord plasma interleukin 6 concentration, amniotic fluid infection, and neonatal sepsis (Yoon et al). 2000; 183:1124-9
- Relationship of systemic hemodynamics, left ventricular structure and function, and plasma natriuretic peptide concentrations during pregnancy complicated by preeclampsia (Borghi et al). 2000;183: 140-7
- Resistance of pelvic arteries and plasma lipids in postmenopausal women: comparative study of tibolone and continuous combined estradiol and norethindrone acetate replacement therapy (Dören et al), 2000;183:575-82
- Second-trimester plasma homocysteine levels and pregnancy-induced hypertension, preeclampsia, and intrauterine growth restriction (Hogg et al). 2000;183:805-9
- A simplified index of the plasma sodium threshold for arginine vasopressin secretion—morning fasting, euhydrated sodium levels (Mann et al). 2000;183:933-6

### Platelet activating factor

Elevated circulating concentrations of platelet activating factor in preeclampsia (Rowland et al). 2000;183:930-2

#### Platelet count

- HELLP (hemolysis, elevated liver enzymes, and low platelet count) syndrome versus severe preeclampsia: onset at ≤28.0 weeks\* gestation (Haddad et al). 2000;183:1475-9
- Impact of high-dose corticosteroid therapy for patients with HELLP (hemolysis, elevated liver enzymes, and low platelet count) syndrome (O'Brien et al). 2000;183:921-4
- Risk factors for adverse maternal outcomes among women with HELLP (hemolysis, elevated liver enzymes, and low platelet count) syndrome (Haddad et al). 2000;183:444-8
- Vascular reactivity in patients with preeclampsia and HELLP (hemolysis, elevated liver enzymes, and low platelet count) syndrome (Fischer et al). 2000;183:1489-94
- Were there any misdiagnoses? (Goodlin) (Letter); (Tompkins) (Reply). 2000;183:1046

#### Pneumonia

An appraisal of treatment guidelines for antepartum communityacquired pneumonia (Yost et al). 2000;183:131-5

#### Polycystic ovary syndrome

Induction of ovulation in infertile women with hyperandrogenism and insulin resistance (Barbieri). 2000;183:1412-8 (Clin. opinion)

### Polydactyly; see Abnormalities

### Polymerase chain reaction

- Clinical implications of detection of *Ureaplasma urealyticum* in the amniotic cavity with the polymerase chain reaction (Yoon et al). 2000;183:1130-7
- Detection of Neisseria gonorrhoeae and Chlamydia trachomatis colonization of the gravid cervix (Asbill et al). 2000;183:340-6

#### Population

Population adjustment of the definition of the vaginal birth after cesarean rate (Reddy et al), 2000;183:1166-9

### Porphyrins

Assessment of 5-aminolevulinic acid-induced porphyrin fluorescence in patients with peritoneal endometriosis (Hillemanns et al). 2000:183:52-7

# Portal vein

Portal vein blood flow—effects of pregnancy, gravity, and exercise (Clapp et al), 2000;183;167-72

### Posthysterectomy; see Hysterectomy

### Postmenopause; see Menopause

### Postoperative care

- Postoperative administration of monophasic combined oral contraceptives after laparoscopic treatment of ovarian endometriomas: a prospective, randomized trial (Muzii et al). 2000;183:588-92
- Postoperative resolution of urinary retention in patients with advanced pelvic organ prolapse (FitzGerald et al). 2000;183:1361-4
- Postoperative tailored radiotherapy for locally advanced breast carcinoma during pregnancy: a therapeutic dilemma (Kouvaris et al). 2000;183:498-9

### Postoperative complications

- Management of side effects and complications in medical abortion (Kruse et al). 2000;183:S65-75 (Symposium)
- Pyoderma gangrenosum after cesarean delivery (Rönnau et al). 2000;183:502-4

### Predictive value of tests

The Preterm Prediction Study: quantitative fetal fibronectin values and the prediction of spontaneous preterm birth (Goepfert et al). 2000;183:1480-3

### Prednisolone

Pyoderma gangrenosum after cesarean delivery (Rönnau et al). 2000;183:502-4

### Preeclampsia

- Association of preeclampsia with high birth weight for gestational age (Xiong et al), 2000;183:148-55
- Cigarette smoking during pregnancy (Ek) (Letter); (Conde-Agudelo and Belizán) (Reply). 2000;183:1045-6

- A comparison of hemodynamic data derived by pulmonary artery flotation catheter and the esophageal Doppler monitor in preeclampsia (Penny et al). 2000;183:658-61
- The effect of pregnancy on the compliance of large arteries and veins in healthy parous control subjects and women with a history of preeclampsia (Spaanderman et al). 2000;183; 1278-86.
- The effects of placental extracts from normotensive and preeclamptic women on vasoconstriction and oxidative metabolism (Thomson et al), 2000;183;206-10
- Elevated circulating concentrations of platelet activating factor in preeclampsia (Rowland et al). 2000;183:930-2
- End-tidal carbon monoxide measurements in women with pregnancy-induced hypertension and preeclampsia (Baum et al). 2000;183:900-3
- Epidural anesthesia in severe preeclampsia (Camann) (Letter); (Hogg and Hauth) (Reply). 2000;183:258
- Expectant management of severe preterm preeclampsia: is intrauterine growth restriction an indication for immediate delivery? (Chammas et al), 2000;183:853-8
- HELLP (hemolysis, elevated liver enzymes, and low platelet count) syndrome versus severe preeclampsia: onset at ≤28.0 weeks\* gestation (Haddad et al). 2000;183:1475-9
- Magnesium sulfate for tocolysis and risk of spastic cerebral palsy in premature children born to women without preeclampsia (Grether et al). 2000;183:717-25
- Neutrophil activation in preeclampsia and isolated intrauterine growth restriction (Sabatier et al). 2000;183:1558-63
- Placental expression of syndecan 1 is diminished in preeclampsia (Jokimaa et al). 2000;183:1495-8
- Plasma, urinary, and salivary 8-epi-prostaglandin  $F_{2\alpha}$  levels in normotensive and preeclamptic pregnancies (McKinney et al). 2000; 183:874-7
- Preclampsia: evidence for impaired shear stress-mediated nitric oxide release in uterine circulation (Kublickiene et al). 2000;183: 160.6
- Preeclampsia prevention: lessons from the low-dose aspirin therapy trials (Heyborne), 2000;183:523-8 (Clin, opinion)
- Reductions of vascular endothelial growth factor and placental growth factor concentrations in severe preeclampsia (Livingston et al). 2000;183:1554-7
- The relationship of smoking, preeclampsia, and secretory component (North et al). 2000;183:136-9
- Relationship of systemic hemodynamics, left ventricular structure and function, and plasma natriuretic peptide concentrations during pregnancy complicated by preeclampsia (Borghi et al). 2000;183: 140-7
- Report of the National High Blood Pressure Education Program Working Group on High Blood Pressure in Pregnancy (National High Blood Pressure Education Program Working Group on High Blood Pressure in Pregnancy). 2000;183(Jul):S1-22
- Second-trimester plasma homocysteine levels and pregnancyinduced hypertension, preeclampsia, and intrauterine growth restriction (Hogg et al). 2000;183:805-9
- Should the definition of preeclampsia include a rise in diastolic blood pressure of ≥15 mm Hg to a level <90 mm Hg in association with proteinuria? (Levine et al). 2000;183:787-92
- Validation of bioimpedance estimates of cardiac output in preeclampsia (Scardo et al). 2000;183:911-3
- Vascular reactivity in patients with preeclampsia and HELLP (hemolysis, elevated liver enzymes, and low platelet count) syndrome (Fischer et al). 2000;183:1489-94

### Pregnancy

Cauterization of hydrosalpinges before in vitro fertilization is an effective surgical treatment associated with improved pregnancy rates (Stadtmauer et al). 2000;183:367-71

- Effect of stimulatory and inhibitory drugs on uterine electrical activity measured noninvasively from the abdominal surface of pregnant rats (Buhimschi et al). 2000;183:68-75
- Nicotine transdermal patches and pregnancy (Serra et al) (Letter); (Schroeder et al) (Reply). 2000;183:778-9
- Pregnancies after reconstructive surgery for congenital cervicovaginal atresia (Chakravarty et al). 2000;183:421-3

### Pregnancy, multiple

- Antenatal factors at diagnosis that predict outcome in twin-twin transfusion syndrome (Taylor et al). 2000;183:1023-8
- Blastocyst transfer: a useful tool for reduction of high-order multiple gestations in a human assisted reproduction program (Toledo et al). 2000;183:377-82
- Chorionic villus sampling before multifetal pregnancy reduction (Eddleman et al). 2000;183:1078-81
- Delayed-interval delivery: extended series from a single maternalfetal medicine practice (Farkouh et al). 2000;183:1499-1503
- Ethical theory and principles: do they have any relevance to problems arising in everyday practice? (Finnerty et al). 2000;183: 301-8
- Impact of head-to-abdominal circumference asymmetry on outcomes in growth-discordant twins (Dashe et al). 2000;183; 1082-7
- Long-term outcome in twin-twin transfusion syndrome treated with serial aggressive amnioreduction (Mari et al). 2000;183:211-7
- Triplets: outcomes of expectant management versus multifetal reduction for 127 pregnancies (Leondires et al). 2000;183:454-9
- Twin birth weight discordance and risk of preterm birth (Cooperstock et al). 2000;183:63-7
- Use of cervical ultrasonography in prediction of spontaneous preterm birth in triplet gestations (Guzman et al). 2000;183: 1108-13
- Use of cervical ultrasonography in prediction of spontaneous preterm birth in twin gestations (Guzman et al). 2000;183: 1103-7
- Vaginal delivery of twins and neonatal respiratory disorders (Suzuki). 2000;183:780 (Reply)

### Pregnancy, physiology

- Cyclooxygenase is involved in the effects of progesterone-induced blocking factor on the production of interleukin 12 (Par et al). 2000:183:126-30
- Differential alterations in responsiveness in particulate and soluble guanylate cyclases in pregnant guinea pig myometrium (Buhimschi et al). 2000;183:1512-9
- Differential localization of placental extracellular superoxide dismutase as pregnancy progresses (Boggess et al). 2000;183:199-205
- The effect of pregnancy on the compliance of large arteries and veins in healthy parous control subjects and women with a history of preeclampsia (Spaanderman et al). 2000;183:1278-86
- The effects of repeat doses of antenatal corticosteroids on maternal adrenal function (McKenna et al). 2000;183:669-73
- Expression of protein kinase C isozymes in nonpregnant and pregnant human myometrium (Hurd et al). 2000;183:1525-31
- Isolated elevation of serum alkaline phosphatase level in an uncomplicated pregnancy: a case report (Vongthavaravat et al). 2000;183:505-6
- Localization of messenger ribonucleic acid for adrenomedullin and adrenomedullin receptor in the human placenta in normal pregnancies and pregnancies complicated by oligohydramnios (Apodaca et al). 2000;183:1213-9
- Magnesium prevents seizure-induced reduction in excitatory amino acid receptor (kainate and  $\alpha$ -amino-3-hydroxy-5-methyl-isoxa-zole-4-propionic acid) binding in pregnant rat brain (Hallak et al). 2000;183:793-8
- A new concept of the significance of regional distribution of prostaglandin H synthase 2 throughout the uterus during late preg-

- nancy: investigations in a baboon model (Wu et al). 2000;183: 1287-95
- Nitric oxide synthases in the human cervix at term pregnancy and effects of nitric oxide on cervical smooth muscle contractility (Ekerhovd et al). 2000;183:610-6
- Normal development of human fetal hematopoiesis between eight and seventeen weeks' gestation (Pahal et al). 2000;183:1029-34
- Plasma, urinary, and salivary 8-epi-prostaglandin  $F_{2\alpha}$  levels in normotensive and preeclamptic pregnancies (McKinney et al). 2000;183:874-7
- Portal vein blood flow—effects of pregnancy, gravity, and exercise (Clapp et al). 2000;183:167-72
- Pregnancy-induced alterations of uterine arteriolar reactivity in the rat: observations with a new in vivo microcirculatory preparation (Alsip et al). 2000;183:621-6
- Premarin-induced increases in coronary and uterine blood flow in nonpregnant sheep (Clark et al). 2000;183:12-7
- Secretory component: a potential regulator of endometrial-decidual prostaglandin production in early human pregnancy (Norwitz and Wilson). 2000;183:108-17
- Soluble HLA-G circulates in maternal blood during pregnancy (Hunt et al). 2000;183:682-8
- Suppression by developing ovarian follicles of the low-dose endotoxin-induced glomerular inflammatory reaction in the pregnant rat (Schuiling et al). 2000;183:89-93

### Pregnancy complications

- Ethical theory and principles: do they have any relevance to problems arising in everyday practice? (Finnerty et al). 2000;183: 301-8
- Is insulin lispro associated with the development or progression of diabetic retinopathy during pregnancy? (Buchbinder et al), 2000;183:1162-5
- Localization of messenger ribonucleic acid for adrenomedullin and adrenomedullin receptor in the human placenta in normal pregnancies and pregnancies complicated by oligohydramnios (Apodaca et al). 2000;183:1213-9
- Outcome of pregnancies complicated by ruptured membranes after genetic amniocentesis (Borgida et al). 2000;183:937-9
- Preterm fetal growth restriction is associated with increased parathyroid hormone-related protein expression in the fetal membranes (Curtis et al). 2000;183:700-5
- Vanadate enhances but does not normalize glucose transport and insulin receptor phosphorylation in skeletal muscle from obese women with gestational diabetes mellitus (Shao et al). 2000; 183:1263-70

### Pregnancy complications, cardiovascular

- Postpartum stroke: a twenty-year experience (Witlin et al). 2000; 183:83-8
- Preterm delivery in women with pregestational diabetes mellitus or chronic hypertension relative to women with uncomplicated pregnancies (Sibai et al). 2000;183:1520-4
- Troponin I measurement in the diagnosis of myocardial injury during pregnancy and delivery: two cases (Krähenmann et al) (Letter); (Ramin et al) (Reply). 2000;183:1308-10

### Pregnancy complications, hematologic

- Genetic factors associated with thrombosis in pregnancy in a United States population (Dilley et al). 2000;183:1271-7
- Middle cerebral artery Doppler velocimetric deceleration angle as a predictor of fetal anemia in Rh-alloimmunized fetuses without hydrops (Bahado-Singh et al). 2000;183:746-51
- Splenic artery aneurysm (Lovšin et al) (Letter); (Lang and Herbeck) (Reply), 2000;183:781
- Successful application of extracorporeal membrane oxygenation and intra-aortic balloon counterpulsation as lifesaving therapy for a patient with amniotic fluid embolism (Hsieh et al). 2000;183:

### Pregnancy complications, hematologic-cont'd

Value of inhaled nitric oxide in Eisenmenger syndrome during pregnancy (Rosenthal and Nelson-Piercy). 2000;183:781-2 (Letter)

### Pregnancy complications, infectious

- Absence of maternal-fetal transmission of human immunodeficiency virus type 1 to second-trimester fetuses (Pascual et al). 2000;183:638-42
- Amniotic fluid index values after preterm premature rupture of the membranes and subsequent perinatal infection (Vermillion et al). 2000:183:271-6
- An appraisal of screening for maternal type-specific herpes simplex virus antibodies to prevent neonatal herpes (Rouse and Stringer). 2000;183:400-6
- An appraisal of treatment guidelines for antepartum communityacquired pneumonia (Yost et al). 2000;183;131-5
- Clinical implications of detection of *Ureaplasma urealyticum* in the amniotic cavity with the polymerase chain reaction (Yoon et al). 2000;183:1130-7
- Detection of Neisseria gonorrhoeae and Chlamydia trachomatis colonization of the gravid cervix (Asbill et al). 2000;183:340-6
- Elevations of group II phospholipase A<sub>2</sub> concentrations in serum and amniotic fluid in association with preterm labor (Koyama et al). 2000;183:1537-43
- Evidence of in vivo differential bioavailability of the active forms of matrix metalloproteinases 9 and 2 in parturition, spontaneous rupture of membranes, and intra-amniotic infection (Maymon et al). 2000;183:887-94
- Histologic chorioamnionitis is associated with fetal growth restriction in term and preterm infants (Williams et al). 2000;183:1094-9
- Histologic inflammation in the maternal and fetal compartments in a rabbit model of acute intra-amniotic infection (Davies et al). 2000;183:1088-93
- Human neutrophil collagenase (matrix metalloproteinase 8) in parturition, premature rupture of the membranes, and intrauterine infection (Maymon et al). 2000;183:94-9
- Late third-trimester treatment of rectovaginal group B streptococci with benzathine penicillin G (Bland et al). 2000;183:372-6
- Participation of the novel cytokine interleukin 18 in the host response to intra-amniotic infection (Pacora et al). 2000;183: 1138-43
- Pemphigoid gestationis: a review (Engineer et al). 2000;183:483-91 (AJOG reviews)
- Prenatal diagnosis of symptomatic congenital cytomegalovirus infection (Guerra et al), 2000;183:476-82
- The Preterm Prediction Study: association of second-trimester genitourinary chlamydia infection with subsequent spontaneous preterm birth (Andrews et al). 2000;183:662-8
- The relationship among inflammatory lesions of the umbilical cord (funisitis), umbilical cord plasma interleukin 6 concentration, amniotic fluid infection, and neonatal sepsis (Yoon et al). 2000;183: 1124-9
- Relationship of bacterial vaginosis and mycoplasmas to the risk of spontaneous abortion (Donders et al). 2000;183:431-7

### Pregnancy complications, neoplastic

- Cardiotoxic transplacental effect of idarubicin administered during the second trimester of pregnancy (Achtari and Hohlfeld). 2000; 183:511-2
- Choriocarcinoma after hydatidiform mole (Szulman). 2000;183:257 (Letter)
- Postoperative tailored radiotherapy for locally advanced breast carcinoma during pregnancy: a therapeutic dilemma (Kouvaris et al). 2000;183:498-9

### Pregnancy maintenance

Cervical Incompetence Prevention Randomized Cerclage Trial (CIPRACT): study design and preliminary results (Althuisius et al). 2000;183:823-9

- Indomethacin blocks interleukin 1β-induced myometrial contractions in pregnant rhesus monkeys (Sødowsky et al). 2000;183:173-80
- Management of cervical cerclage and preterm premature rupture of the membranes: should the stitch be removed? (McElrath et al). 2000:183:840-6
- Patients with a prior failed transvaginal cerclage: a comparison of obstetric outcomes with either transabdominal or transvaginal cerclage (Davis et al). 2000;183:836-9
- A randomized trial of cerclage versus no cerclage among patients with ultrasonographically detected second-trimester preterm dilatation of the internal os (Rust et al). 2000;183:830-5
- Timing of cerclage removal after preterm premature rupture of membranes: maternal and neonatal outcomes (Jenkins et al), 2000;183:847-52

### Pregnancy outcome

- Antenatal factors at diagnosis that predict outcome in twin-twin transfusion syndrome (Taylor et al). 2000;183:1023-8
- Association between level of delivery hospital and neonatal outcomes among South Carolina Medicaid recipients (Sanderson et al). 2000;183:1504-11
- Does aspirin have a role in improving pregnancy outcome for women with the antiphospholipid syndrome? A randomized controlled trial (Pattison et al). 2000;183:1008-12
- Expectant management of severe preterm preeclampsia: is intrauterine growth restriction an indication for immediate delivery? (Chammas et al). 2000;183:853-8
- The impact of digital cervical examination on expectantly managed preterm rupture of membranes (Alexander et al), 2000;183:1003-7
- Initial development of a system-wide maternal-fetal outcomes assessment program (Novicoff et al), 2000;183:291-300
- Long-term outcome in twin-twin transfusion syndrome treated with serial aggressive amnioreduction (Mari et al), 2000;183:211-7
- Maternal deaths in an urban perinatal network, 1992 through 1998 (Panting-Kemp et al), 2000;183:1207-12
- Maternal and neonatal outcomes after induction of labor without an identified indication (Dublin et al). 2000;183:986-94
- Optimal pregnancy outcome in a minimal-stimulation in vitro fertilization program (DeVane et al). 2000;183:309-15
- Outcome of pregnancies complicated by ruptured membranes after genetic amniocentesis (Borgida et al), 2000;183:937-9
- Patients with a prior failed transvaginal cerclage: a comparison of obstetric outcomes with either transabdominal or transvaginal cerclage (Davis et al). 2000;183:836-9
- Posterior presentations: questions on forceps delivery with rotation (Escamilla) (Letter); (Feldman) (Reply). 2000;183:779-80
- Pregnancy outcome after in utero exposure to itraconazole: a prospective cohort study (Bar-Oz et al). 2000;183:617-20
- Risk factors for adverse maternal outcomes among women with HELLP (hemolysis, elevated liver enzymes, and low platelet count) syndrome (Haddad et al). 2000;183:444-8
- Role of amnioinfusion in the management of premature rupture of the membranes at <26 weeks' gestation (Locatelli et al). 2000;183:878-82
- Rotational application of Leff forceps (Dyack) (Letter); (Feldman) (Reply). 2000;183:779-80
- Splenic artery aneurysm (Lovšin et al) (Letter); (Lang and Herbeck) (Reply). 2000;183:781
- Timing of cerclage removal after preterm premature rupture of membranes: maternal and neonatal outcomes (Jenkins et al), 2000;183:847-52
- Triplets: outcomes of expectant management versus multifetal reduction for 127 pregnancies (Leondires et al). 2000;183:454-9

### Pregnancy trimester, first

Absence of maternal-fetal transmission of human immunodeficiency virus type I to second-trimester fetuses (Pascual et al). 2000;183:638-42

- Apoptosis is a rare event in first-trimester placental tissue (Smith et al). 2000;183:697-9
- Beginning regular exercise in early pregnancy: effect on fetoplacental growth (Clapp et al). 2000;183:1484-8
- Early surgical abortion: an alternative to and backup for medical abortion (MacIsaac and Darney). 2000;183:S76-83 (Symposium)
- Effects of undernutrition in early pregnancy on systemic small artery function in late-gestation fetal sheep (Ozaki et al). 2000;183: 1301-7
- Fetal polydactyly diagnosis during early pregnancy: clinical applications (Zimmer and Bronshtein). 2000;183;755-8
- First-trimester Down syndrome screening (Macri and Orlandi) (Letter); (Malone et al) (Reply). 2000;183:1591-2
- First-trimester screening for an euploidy by nuchal translucency (Zoppi et al) (Letter); (Malone et al) (Reply). 2000;183:1590-2
- Genetic expression by fetal chorionic villi during the first trimester of human gestation (Dizon-Townson et al). 2000;183:706-11
- Mifepristone versus vaginally administered misoprostol for cervical priming before first-trimester termination of pregnancy: a randomized, controlled study (Ashok et al). 2000;183:998-1002
- Normal development of human fetal hematopoiesis between eight and seventeen weeks' gestation (Pahal et al). 2000;183:1029-34
- Pregnancy outcome after in utero exposure to itraconazole: a prospective cohort study (Bar-Oz et al). 2000;183:617-20
- Secretory component: a potential regulator of endometrial-decidual prostaglandin production in early human pregnancy (Norwitz and Wilson). 2000;183:108-17
- Substance use measures among women in early pregnancy (Markovic et al). 2000;183:627-32
- Transcervical sampling as a means of detection of fetal cells during the first trimester of pregnancy (Daryani et al). 2000;183:752-4
- Vaginal fetal fibronectin measurements from 8 to 22 weeks' gestation and subsequent spontaneous preterm birth (Goldenberg et al). 2000;183:469-75

### Pregnancy trimester, second

- Cardiotoxic transplacental effect of idarubicin administered during the second trimester of pregnancy (Achtari and Hohlfeld). 2000;183:511-2
- Cardiovascular effects of intravaginal misoprostol in the mid trimester of pregnancy (Ramsey et al). 2000;183:1100-2
- The effect of fetal neck position on nuchal fold thickness (Olson et al). 2000;183:995-7
- Normal development of human fetal hematopoiesis between eight and seventeen weeks' gestation (Pahal et al). 2000;183:1029-34
- The Preterm Prediction Study: association of second-trimester genitourinary chlamydia infection with subsequent spontaneous preterm birth (Andrews et al). 2000;183:662-8
- A randomized trial of cerclage versus no cerclage among patients with ultrasonographically detected second-trimester preterm dilatation of the internal os (Rust et al). 2000;183:830-5
- Second-trimester plasma homocysteine levels and pregnancy-induced hypertension, preeclampsia, and intrauterine growth restriction (Hogg et al). 2000;183:805-9
- Transperineal versus transvaginal ultrasonography during the second trimester (Zilianti) (Letter); (Owen) (Reply), 2000;183:1045
- Ultrasonographic ear length measurement in normal second- and third-trimester fetuses (Chitkara et al). 2000;183:230-4
- Vaginal fetal fibronectin measurements from 8 to 22 weeks' gestation and subsequent spontaneous preterm birth (Goldenberg et al). 2000;183:469-75

### Pregnancy trimester, third

- Acute maternal rehydration increases the urine production rate in the near-term human fetus (Oosterhof et al). 2000;183:226-9
- Cell-free fetal deoxyribonucleic acid in maternal circulation as a marker of fetal-maternal hemorrhage in patients undergoing external cephalic version near term (Lau et al). 2000;183:712-6

- Late third-trimester treatment of rectovaginal group B streptococci with benzathine penicillin G (Bland et al). 2000;183:372-6
- A new concept of the significance of regional distribution of prostaglandin H synthase 2 throughout the uterus during late pregnancy: investigations in a baboon model (Wu et al). 2000;183; 1387-95
- Should intravenous tocolysis be considered beyond 34 weeks' gestation? (Jones et al). 2000;183:356-60
- Ultrasonographic ear length measurement in normal second- and third-trimester fetuses (Chitkara et al). 2000;183:230-4

#### Premarin

Premarin-induced increases in coronary and uterine blood flow in nonpregnant sheep (Clark et al). 2000;183:12-7

### Premature infant; see Infant, premature

Premature rupture of fetal membranes; see Fetal membranes, premature rupture

### Premenopause; see Menopause

### Premenstrual syndrome

Negative mood changes during hormone replacement therapy: a comparison between two progestogens (Björn et al). 2000;183: 1419-26

#### Prenatal care

The impact of digital cervical examination on expectantly managed preterm rupture of membranes (Alexander et al). 2000;183:1003-7

#### Prenatal diagnosis

- The clinical utility of fetal cell sorting to determine prenatally fetal E/e or e/e Rh genotype from peripheral maternal blood (Geifman-Holtzman et al). 2000;183:462-8
- Comparison of urinary hyperglycosylated human chorionic gonadotropin concentration with the serum triple screen for Down syndrome detection in high-risk pregnancies (Bahado-Singh et al). 2000:183:1114-8
- Detection of fetal trisomy 18 by short-term culture of maternal peripheral blood (Valerio et al). 2000;183:222-5
- The effect of fetal neck position on nuchal fold thickness (Olson et al). 2000;183:995-7
- Fetal polydactyly diagnosis during early pregnancy: clinical applications (Zimmer and Bronshtein). 2000;183:755-8
- First-trimester Down syndrome screening (Macri and Orlandi) (Letter); (Malone et al) (Reply). 2000;183:1591-2
- First-trimester screening for aneuploidy by nuchal translucency (Zoppi et al) (Letter); (Malone et al) (Reply). 2000;183:1590-2
- Highly efficient gene transfer into preterm CD34\* hematopoietic progenitor cells (Shields et al). 2000;183;732-7
- Impact of head-to-abdominal circumference asymmetry on outcomes in growth-discordant twins (Dashe et al). 2000;183: 1082-7
- Mathematic modeling to predict abruptio placentae (Baumann et al). 2000;183:815-22
- Prenatal diagnosis of symptomatic congenital cytomegalovirus infection (Guerra et al). 2000;183:476-82
- Transcervical sampling as a means of detection of fetal cells during the first trimester of pregnancy (Daryani et al). 2000;183:752-4

### Preoperative care

Preoperative diagnosis of ovarian carcinoma with a novel monoclonal antibody (Lieberman et al). 2000;183:534-40

### Presidential address

Presidential address. 2000;183:261-70, 1335-7

### Preterm birth; see Labor, premature

### **Preterm Prediction Study**

- The Preterm Prediction Study: association of second-trimester genitourinary chlamydia infection with subsequent spontaneous preterm birth (Andrews et al). 2000;183:662-8
- The Preterm Prediction Study: prediction of preterm premature rupture of membranes through clinical findings and ancillary testing (Mercer et al). 2000;183:738-45

### Preterm Prediction Study-cont'd

The Preterm Prediction Study: quantitative fetal fibronectin values and the prediction of spontaneous preterm birth (Goepfert et al). 2000:183:1480-3

### PRIME-MD Patient Health Questionnaire Obstetrics-Gynecology Study

Validity and utility of the PRIME-MD Patient Health Questionnaire in assessment of 3000 obstetric-gynecologic patients: The PRIME-MD Patient Health Questionnarie Obstetrics-Gynecology Study (Spitzer et al). 2000;183:759-69 (Education)

### Progenitor cells; see Stem cells

### Progestational hormones

Negative mood changes during hormone replacement therapy: a comparison between two progestogens (Björn et al). 2000;183: 1419-26

Progestins abrogate estrogen-induced changes in the insulin-like growth factor axis (Heald et al). 2000;183:593-600

### Progesterone

Cyclooxygenase is involved in the effects of progesterone-induced blocking factor on the production of interleukin 12 (Par et al). 2000:183:126-30

#### Prognosis

Interleukin 6 determinations in cervical fluid have diagnostic and prognostic value in preterm premature rupture of membranes (Jun et al). 2000;183:868-73

Prolapsed vagina; see Uterine prolapse

#### Propionic acids

Magnesium prevents seizure-induced reduction in excitatory amino acid receptor (kainate and  $\alpha$ -amino-3-hydroxy-5-methyl-isoxa-zole-4-propionic acid) binding in pregnant rat brain (Hallak et al). 2000;183:793-8

### Prostaglandin E2; see Dinoprostone

### Prostaglandin-endoperoxide synthase

Cyclooxygenase is involved in the effects of progesterone-induced blocking factor on the production of interleukin 12 (Par et al). 2000:183:126-30

A new concept of the significance of regional distribution of prostaglandin H synthase 2 throughout the uterus during late pregnancy: investigations in a baboon model (Wu et al). 2000;183: 1287-95

### Prostaglandins

Alternatives to mifepristone regimens for medical abortion (Pymar and Creinin). 2000;183:S54-64 (Symposium)

Inhibition of premature labor in sheep by a combined treatment of nimesulide, a prostaglandin synthase type 2 inhibitor, and atosiban, an oxytocin receptor antagonist (Grigsby et al). 2000;183: 649-57

Medical abortion: public health and private lives (Grimes). 2000;183:S1-2 (Symposium)

Medical abortion regimens: historical context and overview (Creinin). 2000;183:S3-9 (Symposium)

Secretory component: a potential regulator of endometrial-decidual prostaglandin production ir. early human pregnancy (Norwitz and Wilson). 2000;183:108-17

# Prostate, Lung, Colon, and Ovarian Cancer Screening Trial

Complex ovarian cysts in postmenopausal women are not associated with ovarian cancer risk factors: preliminary data from the Prostate, Lung, Colon, and Ovarian Cancer Screening Trial (Hartge et al). 2000;183:1232-7

### Protease inhibitors

Levels of vaginal secretory leukocyte protease inhibitor are decreased in women with lower reproductive tract infections (Draper et al). 2000;183:1243-8

### Protein kinase C

Expression of protein kinase C isozymes in nonpregnant and pregnant human myometrium (Hurd et al). 2000;183:1525-31

#### Proteins

Preterm fetal growth restriction is associated with increased parathyroid hormone-related protein expression in the fetal membranes (Curtis et al), 2000;183:700-5

#### Proteinuria

Should the definition of preeclampsia include a rise in diastolic blood pressure of ≥15 mm Hg to a level <90 mm Hg in association with proteinuria? (Levine et al). 2000;183:787-92

#### Proteoglycans

Placental expression of syndecan 1 is diminished in preeclampsia (Jokimaa et al). 2000;183:1495-8

#### Protireli

Influence of thyrotropin-releasing hormone administration at birth on thermoregulation in lambs delivered by cesarean (Heasman et al). 2000;183:1257-62

### Puerperium

Complications according to mode of delivery among human immunodeficiency virus—infected women with CD4 lymphocyte counts of ≤500/µL (Watts et al). 2000;183:100-7

Postpartum stroke: a twenty-year experience (Witlin et al). 2000; 183:83-8

#### **Pulmonary** artery

A comparison of hemodynamic data derived by pulmonary artery flotation catheter and the esophageal Doppler monitor in preeclampsia (Penny et al). 2000;183:658-61

### Pulse oximetry; see Oximetry

#### Pyoderma gangrenosum

Pyoderma gangrenosum after cesarean delivery (Rönnau et al). 2000;183:502-4

### Q

### Quality of health care

Initial development of a system-wide maternal-fetal outcomes assessment program (Novicoff et al). 2000;183:291-300

### R

### Radiotherapy

Postoperative tailored radiotherapy for locally advanced breast carcinoma during pregnancy: a therapeutic dilemma (Kouvaris et al). 2000;183:498-9

### Receptors, amino acid

Magnesium prevents seizure-induced reduction in excitatory amino acid receptor (kainate and α-amino-3-hydroxy-5-methyl-isoxa-zole-4-propionic acid) binding in pregnant rat brain (Hallak et al). 2000:183:793-8

### Reconstructive surgery; see Surgery, reconstructive

### Rectum

The fate of rectus fascia suburethral slings (FitzGerald et al), 2000;183:964-6

Gonadotropin-releasing hormone agonist treatment for endometriosis of the rectovaginal septum (Fedele et al). 2000;183:1462-7

Late third-trimester treatment of rectovaginal group B streptococci with benzathine penicillin G (Bland et al). 2000;183:372-6

Low colorectal anastomosis after radical pelvic surgery: a risk factor analysis (Mirhashemi et al), 2000;183:1375-80

### Reduction, multifetal pregnancy; see Abortion

### Rehydration; see Fluid therapy

### Remission

Five-year incidence and remission rates of female urinary incontinence in a Swedish population less than 65 years old (Samuelsson et al). 2000;183:568-74

### Research

A faculty development course in obstetrics and gynecology (Grimes et al). 2000;183:1041-4 (Education)

### Respiration disorders

Vaginal delivery of twins and neonatal respiratory disorders (Suzuki). 2000;183:780 (Reply)

### Respiratory distress syndrome

Effectiveness of antenatal corticosteroid administration after preterm premature rupture of the membranes (Vermillion et al). 2000:183-925-9

Should intravenous tocolysis be considered beyond 34 weeks' gestation? (Jones et al), 2000;183:356-60

#### Rh isoimmunization

The clinical utility of fetal cell sorting to determine prenatally fetal E/e or e/e Rh genotype from peripheral maternal blood (Geifman-Holtzman et al). 2000;183:462-8

Middle cerebral artery Doppler velocimetric deceleration angle as a predictor of fetal anemia in Rh-alloimmunized fetuses without hydrops (Bahado-Singh et al). 2000;183:746-51

#### Rheology

Comparison of low- and high-altitude Doppler velocimetry in the peripheral and central circulations of normal fetuses (Galan et al). 2000;183:1158-61

Middle cerebral artery Doppler velocimetric deceleration angle as a predictor of fetal anemia in Rh-alloimmunized fetuses without hydrops (Bahado-Singh et al). 2000;183:746-51

### Rhombencephalon

Hindbrain herniation develops in surgically created myelomeningocele but is absent after repair in fetal lambs (Paek et al). 2000; 183:1119-23

### Risk factors

Complex ovarian cysts in postmenopausal women are not associated with ovarian cancer risk factors: preliminary data from the Prostate, Lung, Colon, and Ovarian Cancer Screening Trial (Hartge et al). 2000;183:1232-7

Continuous combined hormone replacement therapy and risk of endometrial cancer (Hill et al). 2000;183:1456-61

Identification of at-risk women for osteoporosis screening (Weinstein and Ullery), 2000;183:547-9

Low colorectal anastomosis after radical pelvic surgery: a risk factor analysis (Mirhashemi et al). 2000;183:1375-80

Magnesium sulfate for tocolysis and risk of spastic cerebral palsy in premature children born to women without preeclampsia (Grether et al). 2000;183:717-25

### RNA, messenger

Localization of messenger ribonucleic acid for adrenomedullin and adrenomedullin receptor in the human placenta in normal pregnancies and pregnancies complicated by oligohydramnios (Apodaca et al). 2000;183:1213-9

### Rupture

Spontaneous rupture of the spleen in labor (Londero and Cociancich) (Letter); (Lang and Herbeck) (Reply). 2000;183:782-3

### Ruptured membranes, premature; see Fetal membranes, premature rupture

S

### Sacrospinous colpopexy; see Vagina, surgery

### Sacrum, surgery

Bilateral uterosacral ligament vaginal vault suspension with sitespecific endopelvic fascia defect repair for treatment of pelvic organ prolapse (Barber et al). 2000;183:1402-11

A transvaginal approach to repair of apical and other associated sites of pelvic organ prolapse with uterosacral ligaments (Shull et al). 2000-183-1365-74

### Saint John's wort

Effect of antenatal exposure to Saint John's wort (Hypericum) on neurobehavior of developing mice (Rayburn et al). 2000;183: 1225-31

#### Saliva

Plasma, urinary, and salivary 8-epi-prostaglandin  $F_{2\alpha}$  levels in normotensive and preeclamptic pregnancies (McKinney et al). 2000;183:874-7

#### Scaln

Assessment of fetal scalp oxygen saturation determination in the sheep by transmission pulse oximetry (Nijland et al). 2000;183: 1549-53

Fetal blood lactate concentration (Spencer et al) (Letter); (Kruger and Westren) (Reply). 2000;183:1308

#### Scissors, surgical; see Surgical equipment

#### Screening; see Mass screening

### Second trimester of pregnancy; see Pregnancy trimester, second Secretory component

The relationship of smoking, preeclampsia, and secretory component (North et al). 2000;183:136-9

Secretory component: a potential regulator of endometrial-decidual prostaglandin production in early human pregnancy (Norwitz and Wilson). 2000;183:108-17

#### Seizures

Magnesium prevents seizure-induced reduction in excitatory amino acid receptor (kainate and  $\alpha$ -amino-3-hydroxy-5-methyl-isoxa-zole-4-propionic acid) binding in pregnant rat brain (Hallak et al). 2000;183:793-8

### SENTRY centers

Group B streptococci causing neonatal bloodstream infection: antimicrobial susceptibility and serotyping results from SENTRY centers in the Western Hemisphere (Andrews et al). 2000;183: 859-62

#### Septicemia

Neonatal sepsis and death after multiple courses of antenatal betamethasone therapy (Vermillion et al), 2000;183:810-4

The relationship among inflammatory lesions of the umbilical cord (funisitis), umbilical cord plasma interleukin 6 concentration, amniotic fluid infection, and neonatal sepsis (Yoon et al). 2000;183: 1124-9

### Serotyping

Group B streptococci causing neonatal bloodstream infection: antimicrobial susceptibility and serotyping results from SENTRY centers in the Western Hemisphere (Andrews et al). 2000;183: 859-62

### Sex behavior

Adverse behavioral and sexual factors in chronic vulvar disease (Marin et al). 2000;183:34-8

Sexually transmitted infection and teenage sexuality (McIlhaney). 2000;183:334-9

### Sexual intercourse; see Coitus

### Sexually transmitted diseases

Asymptomatic bacterial vaginosis: response to therapy (Schwebke). 2000;183:1434-9

Levels of vaginal secretory leukocyte protease inhibitor are decreased in women with lower reproductive tract infections (Draper et al). 2000;183:1243-8

Sexually transmitted infection and teenage sexuality (McIlhaney). 2000;183:334-9

### Sexually transmitted diseases, bacterial

Detection of Neisseria gonorrhoeae and Chlamydia trachomatis colonization of the gravid cervix (Asbill et al). 2000;183: 340-6

### Shoulder

Maternal and neonatal outcomes after induction of iabor without an identified indication (Dublin et al). 2000;183:986-94

### Side effects

Management of side effects and complications in medical abortion (Kruse et al). 2000;183:S65-75 (Symposium)

### Skeletal muscles; see Muscles

#### Skin diseases

Pemphigoid gestationis: a review (Engineer et al). 2000;183:483-91 (AJOG reviews)

Pyoderma gangrenosum after cesarean delivery (Rönnau et al), 2000:183:502-4

### **Smoking**

Cigarette smoking during pregnancy (Ek) (Letter); (Conde-Agudelo and Belizán) (Reply), 2000;183:1045-6

Effects of smoking on blood pressure during pregnancy on balance are negative (Friedman) (Letter); (Zhang et al) (Reply). 2000;183:776-7

End-tidal carbon monoxide measurements in women with pregnancy-induced hypertension and preeclampsia (Baum et al). 2000;183:900-3

Impact of maternal cigarette smoking on fetal growth and body composition (Bernstein et al). 2000;183:883-6

The relationship of smoking, preeclampsia, and secretory component (North et al). 2000;183:136-9

Substance use measures among women in early pregnancy (Markovic et al). 2000;183:627-32

### **Smoking cessation**

Nicotine transdermal patches and pregnancy (Serra et al) (Letter); (Schroeder et al) (Reply), 2000;183;778-9

### Smooth muscle; see Muscle, smooth

### Society of Gynecologic Surgeons

Transactions of the twenty-sixth scientific meeting of the Society for Gynecologic Surgeons. 2000;183:1335-411

#### Society for Maternal-Fetal Medicine

Transactions of the twentieth annual meeting of the Society for Maternal-Fetal Medicine. 2000;183:787-944

Transactions of the twentieth annual meeting of the Society for Maternal-Fetal Medicine—continued. 2000;183:1049-231

### Sodium

A simplified index of the plasma sodium threshold for arginine vasopressin secretion—morning fasting, euhydrated sodium levels (Mann et al), 2000;183:933-6

### Somatomedins

Progestins abrogate estrogen-induced changes in the insulin-like growth factor axis (Heald et al). 2000;183:593-600

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### Spectrophotometry, infrared

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### Streptozocin

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- Relationship of bacterial vaginosis and mycoplasmas to the risk of spontaneous abortion (Donders et al). 2000;183:431-7

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- Estrogen augments the vasodilatory effects of vascular endothelial growth factor in the uterine circulation of the rat (Storment et al). 2000;183:449-53
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